

20011227.qrp v02_n418.qrl.20011227

Date: Thu, 27 Dec 2001 19:03:10 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2418

QRP-L Digest 2418

Topics covered in this issue include:

- 1) [116067] Re: Windows XP
by Haines Brown <brownh@hartford-hwp.com>
- 2) [116068] Re: [FLham] Elimination of the Novice Bands]
by "Brian" <brian@iquest.net>
- 3) [116069] FS: Elecraft K1 loaded plus extras...
by Patrick Armstrong <aa7fg@gte.net>
- 4) [116070] Re: [116026] Re: Construction Articles Dwindling
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 5) [116071] Re: Construction Articles Dwindling
by Bruce Muscolino <w6toy@erols.com>
- 6) [116072] Re: "Grab"bing at Old Technology...
by Bruce Rattray <rattray@gpfn.sk.ca>
- 7) [116073] Refarming questions
by lhlousek <lhlousek@nvhbell.net>
- 8) [116074] NEQRP CW Net, 27 December 01, 8:30 PM EST, 3.565MHz
by Chuck Ludinsky <cjl@mitre.org>
- 9) [116075] RE: [Fwd: [FLham] Elimination of the Novice Bands]
by "N8IE" <n8ie@woh.rr.com>
- 10) [116076] RE: [FLham] Elimination of the Novice Bands]
by "N8IE" <n8ie@woh.rr.com>
- 11) [116077] Day 1 - Holiday Milliwatt Contest
by David Gauding <david.gauding@bbs.galilei.com>
- 12) [116078] Re: [FLham] Elimination of the Novice Bands]
by Paul Womble <pwomble1@tampabay.rr.com>
- 13) [116079] FOX Hunt Announcement for Dec. 27
by Pat Cain <pcain@ix.netcom.com>
- 14) [116080] RE: [SPICE] Bandspredding with Tapped Coils; a reference
by Nick Kennedy <nkennedy@tcaineternet.com>
- 15) [116081] mW contest - AL7FS
by "Jim Larsen" <al7fs2001@hotmail.com>
- 16) [116082] 5763 rig info
by Steven Weber <kd1jv@moose.ncia.net>
- 17) [116083] Re: Nukes (was RE: Tube messages)
by Bill Coleman <aa4lr@arrl.net>
- 18) [116084] Re: Nukes (was RE: Tube messages) OT
by Bill Coleman <aa4lr@arrl.net>
- 19) [116085] Re: Nukes (was RE: Tube messages) OT

- by Bill Coleman <aa4lr@arrl.net>
- 20) [116086] Re: MW Contest question
by "Robert L. Kellogg" <ae4ic@nr.infi.net>
- 21) [116087] Signalink and warbler
by joe living <jliving2001@yahoo.com>
- 22) [116088] FS; Hammarlund HFD-140 Dual Section Cap
by RLucch2098@aol.com
- 23) [116089] Re: Nukes (was RE: Tube messages)
by "George, W5YR" <w5yr@att.net>
- 24) [116090] Re: 5763 rig info
by "Pastor-KC1DI" <elbc@pivot.net>
- 25) [116091] RE: 5763 rig info
by Nick Kennedy <nkennedy@tcainternet.com>
- 26) [116092] Re: MW Contest question
by W2AGN <w2agn@pobox.com>
- 27) [116093] Re: Phone spectrum land grab, as expected
by Bill Coleman <aa4lr@arrl.net>
- 28) [116094] [OT] Lehigh Univ. (was: Remove from List)
by "Mark Andrews \ (KE4IOF\)" <KE4IOF@ke4iof.com>
- 29) [116095] Re: Phone spectrum land grab, as expected
by Bill Coleman <aa4lr@arrl.net>
- 30) [116096] 13.5 Mhz CW Filter Design
by Torell Kent-P12255 <P12255@gd-decisionsystems.com>
- 31) [116097] Re: Phone spectrum land grab, as expected
by Bill Coleman <aa4lr@arrl.net>
- 32) [116098] Re: [OT] Lehigh Univ.
by W2AGN <w2agn@pobox.com>
- 33) [116099] [OT] University Clubs
by Kenneth Hoglund <hoglund@wfu.edu>
- 34) [116100] Polar cap absorption event is in progress - AL7FS
by "Jim Larsen" <al7fs2001@hotmail.com>
- 35) [116101] Re: Polar cap absorption event is in progress - AL7FS
by "John J. McDonough" <wb8rcr@arrl.net>
- 36) [116102] FYBO rules
by "Brian" <brian@iquest.net>
- 37) [116103] Re: [OT] University Clubs
by "Michael Melland" <w9wis@charter.net>
- 38) [116104] Milliwatt Contest - First day
by "Kwik, Ed " <ed.kwik@delphiauto.com>
- 39) [116105] SOLID vs.HOLLOW AMPS
by "w2wurjj" <w2wurjj@verizon.net>
- 40) [116106] Re: Phone spectrum land grab, as expected
by =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@yahoo.com>
- 41) [116107] Re: [OT] Lehigh Univ. (was: Remove from List)
by Bruce Muscolino <w6toy@erols.com>
- 42) [116108] Junkbox stuff - Updated - Sorry es Thanks
by "Brian" <brian@iquest.net>
- 43) [116109] FS: Index QRP Plus

by "Jerry Bartachek" <leadsheet@musician.org>
44) [116110] Re: Phone spectrum land grab, as expected
by Bill Coleman <aa4lr@arrl.net>
45) [116111] Re: 5763 rig info
by "W3CDE Jerry L." <w3cde@bellsouth.net>
46) [116112] Re: MW Contest question
by "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
47) [116113] [CW] Software for text to code conversion?
by "Brad Hernlem" <alihernlem@hotmail.com>
48) [116114] Re: [CW] Software for text to code conversion?
by "Steve Thompson" <steve@xcvr.com>
49) [116115] Re: [CW] Software for text to code conversion?
by "w8diz" <w8diz@fpqrp.com>
50) [116116] 6 METER QRPp QSO
by Arthur Moe <kb7ww@uswest.net>
51) [116117] more k1 tweaking
by "Rod N0RC" <rod@n0rc.com>
52) [116118] Re: Phone spectrum land grab, as expected
by "Rob Matherly" <kc0bom@arrl.net>
53) [116119] Re: 5763 rig info
by "N3BJ" <alanfryer@email.msn.com>
54) [116120] Re: Phone spectrum land grab, as expected
by "w2wurjj" <w2wurjj@verizon.net>
55) [116121] Band CDX Poor
by Fred Lesnick <flesnick@tbaytel.net>
56) [116122] Re: FYBO rules
by "Bob Hightower" <nk7m@extremezone.com>
57) [116123] Re: Band CDX Poor
by W2AGN <w2agn@pobox.com>
58) [116124] antenna FS
by FIVEWATTS@aol.com
59) [116125] W1AW on 14.040.7
by FIVEWATTS@aol.com
60) [116126] Re: Band CDX Poor
by "Jim Stamper" <jstamper@shentel.net>
61) [116127] Re: Band CDX Poor
by FIVEWATTS@aol.com
62) [116128] Re: Band CDX Poor
by FIVEWATTS@aol.com
63) [116129] SOC Stunt of the Day
by W2AGN <w2agn@pobox.com>
64) [116130] Re: Band CDX Poor
by Paul Womble <pwomble1@tampabay.rr.com>
65) [116131] Polar cap absorption - AL7FS trying a little bit
by "Jim Larsen" <al7fs2001@hotmail.com>
66) [116132] DXCC Country List Needed (in ASCII)
by Ron KU7Y <mswmod@bigplanet.com>
67) [116133] Re: 5763 rig info

- by Steven Weber <kd1jv@moose.ncia.net>
- 68) [116134] [CONTEST] QRP Contest Calendar - 12/27 to 1/4
by Ken Newman <N2CQ@dandy.net>
- 69) [116135] 40-9er Progress
by nilsbull@juno.com
- 70) [116136] Re: Phone spectrum land grab, as expected
by "Rob Matherly" <kc0bom@arrl.net>
- 71) [116137] FS: 38 Special
by "Craig Johnson" <cbjohns@mn.mediaone.net>
- 72) [116138] 40 meter reciever
by "Francis Callahan" <colcal@srv.net>
- 73) [116139] Re: Polar cap absorption event is in progress - AL7FS
by " Robert L. Kellogg" <ae4ic@nr.infi.net>
- 74) [116140] Re: MW Contest question
by " Robert L. Kellogg" <ae4ic@nr.infi.net>
- 75) [116141] Re: re tubes
by Bill Coleman <aa4lr@arrl.net>

Date: Wed, 26 Dec 2001 19:06:30 -0500
From: Haines Brown <brownh@hartford-hwp.com>
To: crmabbott@mediaone.net
Cc: qrp-l@Lehigh.EDU
Subject: [116067] Re: Windows XP
Message-ID: <200112270006.fBR06Uj31155@hartford-hwp.com>

> " To put this in perspective, Since about '82 with PC-DOS 1, you
> ALWAYS had to have a licensed copy of the software per machine, this
> applies to both Corporate and home use. So they really haven't
> changed anything.

Wow, do you mean that I violated my license by installing my copy of
DOS on various machines? If so, I somehow missed the fine print, and I
know that no one else had any idea they were breaking the law, either.

I eventually migrated from MS-DOS to DR DOS, and I can't imagine
Digital would impose any such license restrictions.

I inherited a MS-DOS 6.2 manual that came with someone's PC. I looked
through it, and find that the license says you can install the
software on only one computer. However, in context this means it can't
be distributed by a network server. I'm not persuaded that this
licence says that you can't reinstall the software on another machine
if the first gave up the ghost, for example.

Haines Brown

Date: Wed, 26 Dec 2001 19:13:39 -0500
From: "Brian" <brian@iquest.net>
To: <pwomble1@tampabay.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116068] Re: [FLham] Elimination of the Novice Bands]
Message-ID: <005801c18e6b\$568842e0\$e3532bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have emailed my section manager a couple of times in the last two weeks regarding RACES and ARES groups in my area. I ain't heard squat.

A lot of section managers are section managers because no one else wants to do it. I wonder how many ran unopposed last year?

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

----- Original Message -----
From: "Paul Womble" <pwomble1@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, December 26, 2001 5:44 PM
Subject: [Fwd: [FLham] Elimination of the Novice Bands]

> This is what the Section Manager in West Central Florida is doing.
>
> This is the ARRL at work. If your section manager is not being
> proactive...get on their butts until they start!
>
> I sent my thoughts to K1ZZ and the others involved in this
committee. I
> received a nice reply from Dave today.
>
> 73
> oo
> Paul K4FB

>
>
>
>
> ----- Original Message -----
> Subject: [FLham] Elimination of the Novice Bands
> Date: Wed, 26 Dec 2001 17:26:36 -0500
> From: "Dave Armbrust, AE4MR" <ae4mr@arrl.org>
> Reply-To: "Dave Armbrust, AE4MR" <ae4mr@arrl.org>
> To: <ae4mr@arrl.org>
>
> With no new Novice operators entering the hobby I guess the
re-farming
> of
> the Novice bands is inevitable yet I have some concern about the
> proposal to
> reduce the CW portion of 80, 40 and 15 meters to accommodate more
room
> for
> SSB.
>
> While I do not think many will object to allowing Novice and Tech
Plus
> to
> operate on the General 80, 40, 15 and 10-meter CW allocations I do
feel
> that
> this is entirely a separate issue.
>
> I sure would like to get some of your input on this proposal. I
would
> like
> you to answer the following three questions:
>
> 1) Do you support the reduction of the CW subband by 50 KHz on 80
meters
> and
> 25 KHz on 40 and 10 meters? Please state why.
> 2) Do you support allowing Novice and Tech Plus to operate on the
> General
> 80, 40, 15 and 10-meter CW allocations?
> 3) Do you feel that that we should recognize portions of these bands
for
> "slow CW operation"?
>
> Below please find attached the ARRL bulletin 55 for your review.
>
> 73--

> Dave Armbrust - AE4MR
> ARRL WCF Section Manager
> (941)378-1701 Fax: (941)929-0040
> -----
> SB QST @ ARL \$ARLB055
> ARLB055 ARRL Study Panel Recommends Eliminating Novice Bands
(REVISED)
>
> ZCZC AG55
> QST de W1AW
> ARRL Bulletin 55 ARLB055
> >>From ARRL Headquarters
> Newington CT December 21, 2001
> To all radio amateurs
>
> SB QST ARL ARLB055
> ARLB055 ARRL Study Panel Recommends Eliminating Novice Bands
(REVISED)
>
> The ARRL Novice Spectrum Study Committee has recommended that the
> ARRL petition the FCC to eliminate the Novice CW subbands and allow
> Novice and Technician with Element 1 credit licensees to operate CW
> on the General 80, 40, 15 and 10-meter CW allocations at up to 200 W
> output. The panel suggested recognizing portions of those bands for
> "slow CW operation" to aid new CW operators in enhancing their
> skills. The committee recommended refarming the current Novice/Tech
> Plus subbands, in part to allow expansion of the phone allocations
> on 80, 40 and 15 meters.
>
> The committee's complete report will be presented to the ARRL Board
> of Directors for consideration during its annual meeting in January.
> The committee's determinations were based on opinions expressed by
> 4744 respondents to an ARRL Novice Spectrum Study survey launched in
> June. Those expressing their opinions included ARRL members and
> nonmembers. Nearly 61% of those responding were Extra class
> licensees.
>
> The committee, chaired by ARRL International Affairs Vice President
> Rod Stafford, W6ROD, has been studying the status and usage of the
> Novice/Technician Plus HF bands with an eye toward determining
> appropriate changes in usage of that spectrum now that the FCC no
> longer issues new Novice licenses. A guiding principle was that no
> class of licensees would lose any privileges as a result of
> refarming.
>
> The committee recommended expanding the phone bands in accordance
> with the most popular of the survey choices offered--three for 80,
> 40 and 15 meters and two for 10 meters. Here's a summary:

>
> * On 80 meters, nearly 40% of those responding opted for a
> plan that would extend the US phone allocation to 3700 kHz, with
> Extras permitted on the entire subband, and with Advanced and
> General class subbands starting at 3725 and 3800 kHz respectively.
>
> * On 40 meters, nearly half of the respondents picked the plan to
> extend the primary US phone allocation to 7125 kHz, with Extra and
> Advanced licensees allowed on the entire segment and Generals from
> 7175 kHz and up. (The committee's report suggested no changes to the
> special allocations for amateurs on certain Pacific or Caribbean
> islands and in Alaska.)
>
> * On 15 meters, nearly half of those responding wanted the US phone
> allocation extended to 21175 kHz, with Extras permitted on the
> entire allocation, and Advanced and General subbands beginning at
> 21200 and 21250 kHz respectively.
>
> * On 10 meters--where Novice and Tech Plus licensees already may
> operate CW, RTTY and data from 28100 to 28300 kHz, nearly 55%
> of the respondents favored a plan to retain the US phone allocation
> from 28300 to 29700 kHz and to extend CW access to Novice/Tech Plus
> operators to 28000 kHz--an additional 100 kHz. The current Tech Plus
> 28300 to 28500 kHz phone segment would be retained.
> NNNN
> /EX
>
>
>
> ---
> Submissions flham@qth.net
>

Date: Wed, 26 Dec 2001 16:02:51 -0800
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-l@lehigh.edu
Subject: [116069] FS: Elecraft K1 loaded plus extras...
Message-ID: <3C2A652A.154E16AD@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Elecraft K1 40/20M CW QRP XCVR (SN 754) beautifully assembled and
working perfect... Also, the following options are installed except the

KFL1-4;
KFL1-4 4-band module (unbuilt)
KTS1, KAT1, KNB1, KBT1
Plus, nicad batteries and also a paddlette BP-K1 key attached to the
base... \$500.00

Pat, AA7FG - Oregon

Date: Wed, 26 Dec 2001 19:20:18 -0500 (EST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
To: qrp-1@Lehigh.EDU
Subject: [116070] Re: [116026] Re: Construction Articles Dwindling
Message-ID: <200112270020.fBR0KIi18284@panix3.panix.com>

Speaking of 73 Magazine, back in the early days, I think they
published a cumulative index, but I can't locate it.

Does anyone here have some hints?

73, doug

Date: Wed, 26 Dec 2001 19:52:29 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: lmairs@cox.rr.com, qrp-1@lehigh.edu
Subject: [116071] Re: Construction Articles Dwindling
Message-ID: <3C2A70CD.58357D5A@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Lee,

Not exactly. Merely having a ham license says something about you.
You're different, you are a brighter and more creative person than the
guy who only barbecues hot dogs in his back yard. The majority of
construction articles published each year are written by guys just like
you, except for one thing - they took an idea they had to solve a
problem and wrote it up for a magazine.

No magazine can depend on its "staff" for all its articles. QST is no
different than, say, 73, in this respect. They can't, and need your

input to continue in business. I happen to agree with Bill, if you want to see more construction articles take the bull by the horns and write some! I did, and I have never been sorry! It doesn't take any special smarts, just a willingness to share what you have learned.

73

Date: Wed, 26 Dec 2001 19:11:26 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: George Franklin <w0av@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [116072] Re: "Grab"bing at Old Technology...
Message-ID: <Pine.LNX.4.33.0112261025580.7384-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

!?!@*&\$!*\$^!?!...oh, alright George, I'll be number COG #15...
mubblegrumblegeezemumble%#^@\$!!!,..... ;-)

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Wed, 26 Dec 2001 17:17:44 -0800
From: lhlousek <lhlousek@nvhbell.net>
To: QRP-L list <qrp-l@Lehigh.EDU>, ae4mr@arrl.org
Subject: [116073] Refarming questions
Message-ID: <005001c18e74\$49809a80\$650dfea9@nvhbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7BIT

>1) Do you support the reduction of the CW subband by 50 KHz on 80 meters and 25 KHz on 40 and 10 meters?

Yes. There is always plenty of room on the CW portions of the band and CW ops are becoming fewer. It make good sense to allow phone ops to make use of that otherwise fallow spectrum.

> 2) Do you support allowing Novice and Tech Plus to operate on the General 80, 40, 15 and 10-meter CW allocations?

Yes. It will give the beginning ops more opportunity to have fun with CW and maybe turn more of them into CW ops. Restricting them to their own subbands as they are now is counterproductive to producing more CW ops.

>3) Do you feel that we should recognize portions of these bands for "slow CW operation"?

Yes, if similar to having QRP and other calling frequencies. Give slow ops a place to find other slow ops.

Lou W7DZN

Date: Wed, 26 Dec 2001 20:22:22 -0500
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-l@lehigh.edu
Subject: [116074] NEQRP CW Net, 27 December 01, 8:30 PM EST, 3.565MHz
Message-ID: <3C2A77CE.ACC3D3B7@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 27 December 2001, at 8:30 PM EST (0130Z, 28 December 01) on or near 3.565 MHz. Net control operator for this week's 80M session will be John K1RC, operating from Dracut, MA.

Last week's net control operator was Chuck, K1CL. With excellent conditions, we had a total of eleven participants:

AB8DF	Ed	Waterford, MI	579/QSB
W1PID	Jim	Sanbornton, NH	599
K1RC	John	Dracut, MA	599
W1KRT	Ken	Springfield, NH	599
AA5JO	Ed	Tyngsboro, MA	599
KA3WMJ	Ken	Erwinna, PA	599
N1EI	Charlie	Mansfield Center, CT	599
WB1HBE	John	Chelmsford, MA	599
N1ZSW	Ron	Worcester, MA	589/QSB
K1XS	Ken	Naugatuck, CT	599

K1CL Chuck Chelmsford, MA net op

Thanks to everyone for QNI'ing. Hope to hear you again on this week's net. Best wishes for the happiest new year to all.

72 DE K1CL,
Chuck.

Date: Wed, 26 Dec 2001 20:34:07 -0500
From: "N8IE" <n8ie@woh.rr.com>
To: "QRP-1" <qrp-1@lehigh.edu>, <pwomble1@tampabay.rr.com>
Subject: [116075] RE: [Fwd: [FLham] Elimination of the Novice Bands]
Message-ID: <KHEKJAKPCEKFOHMPKJPDGENDCAAA.n8ie@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

I sent a message to my Ohio Director forgetting he is associated with DARA, (the folks who host Ham Vention) so far no reply. I guess I should have put FREE DONUTS in the subject line.

72, oo
Dan, N8IE
FPQRP #-6, FISTS #4985
QRP-1 #1404, ARCI #11003

-----Original Message-----
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of Paul Womble
Sent: Wednesday, December 26, 2001 5:45 PM
To: Low Power Amateur Radio Discussion
Subject: [Fwd: [FLham] Elimination of the Novice Bands]

This is what the Section Manager in West Central Florida is doing.

This is the ARRL at work. If your section manager is not being proactive...get on their butts until they start!

I sent my thoughts to K1ZZ and the others involved in this committee. I received a nice reply from Dave today.

73
oo

Paul K4FB

----- Original Message -----

Subject: [FLham] Elimination of the Novice Bands

Date: Wed, 26 Dec 2001 17:26:36 -0500

From: "Dave Armbrust, AE4MR" <ae4mr@arrl.org>

Reply-To: "Dave Armbrust, AE4MR" <ae4mr@arrl.org>

To: <ae4mr@arrl.org>

With no new Novice operators entering the hobby I guess the re-farming of the Novice bands is inevitable yet I have some concern about the proposal to reduce the CW portion of 80, 40 and 15 meters to accommodate more room for SSB.

While I do not think many will object to allowing Novice and Tech Plus to operate on the General 80, 40, 15 and 10-meter CW allocations I do feel that this is entirely a separate issue.

I sure would like to get some of your input on this proposal. I would like you to answer the following three questions:

- 1) Do you support the reduction of the CW subband by 50 KHz on 80 meters and 25 KHz on 40 and 10 meters? Please state why.
- 2) Do you support allowing Novice and Tech Plus to operate on the General 80, 40, 15 and 10-meter CW allocations?
- 3) Do you feel that that we should recognize portions of these bands for "slow CW operation"?

Below please find attached the ARRL bulletin 55 for your review.

73--

Dave Armbrust - AE4MR

ARRL WCF Section Manager

(941)378-1701 Fax: (941)929-0040

SB QST @ ARL \$ARLB055

ARLB055 ARRL Study Panel Recommends Eliminating Novice Bands (REVISED)

ZCZC AG55
QST de W1AW
ARRL Bulletin 55 ARLB055
>From ARRL Headquarters
Newington CT December 21, 2001
To all radio amateurs

SB QST ARL ARLB055
ARLB055 ARRL Study Panel Recommends Eliminating Novice Bands (REVISED)

The ARRL Novice Spectrum Study Committee has recommended that the ARRL petition the FCC to eliminate the Novice CW subbands and allow Novice and Technician with Element 1 credit licensees to operate CW on the General 80, 40, 15 and 10-meter CW allocations at up to 200 W output. The panel suggested recognizing portions of those bands for "slow CW operation" to aid new CW operators in enhancing their skills. The committee recommended refarming the current Novice/Tech Plus subbands, in part to allow expansion of the phone allocations on 80, 40 and 15 meters.

The committee's complete report will be presented to the ARRL Board of Directors for consideration during its annual meeting in January. The committee's determinations were based on opinions expressed by 4744 respondents to an ARRL Novice Spectrum Study survey launched in June. Those expressing their opinions included ARRL members and nonmembers. Nearly 61% of those responding were Extra class licensees.

The committee, chaired by ARRL International Affairs Vice President Rod Stafford, W6ROD, has been studying the status and usage of the Novice/Technician Plus HF bands with an eye toward determining appropriate changes in usage of that spectrum now that the FCC no longer issues new Novice licenses. A guiding principle was that no class of licensees would lose any privileges as a result of refarming.

The committee recommended expanding the phone bands in accordance with the most popular of the survey choices offered--three for 80, 40 and 15 meters and two for 10 meters. Here's a summary:

- * On 80 meters, nearly 40% of those responding opted for a plan that would extend the US phone allocation to 3700 kHz, with Extras permitted on the entire subband, and with Advanced and General class subbands starting at 3725 and 3800 kHz respectively.

- * On 40 meters, nearly half of the respondents picked the plan to extend the primary US phone allocation to 7125 kHz, with Extra and

Advanced licensees allowed on the entire segment and Generals from 7175 kHz and up. (The committee's report suggested no changes to the special allocations for amateurs on certain Pacific or Caribbean islands and in Alaska.)

* On 15 meters, nearly half of those responding wanted the US phone allocation extended to 21175 kHz, with Extras permitted on the entire allocation, and Advanced and General subbands beginning at 21200 and 21250 kHz respectively.

* On 10 meters--where Novice and Tech Plus licensees already may operate CW, RTTY and data from 28100 to 28300 kHz, nearly 55% of the respondents favored a plan to retain the US phone allocation from 28300 to 29700 kHz and to extend CW access to Novice/Tech Plus operators to 28000 kHz--an additional 100 kHz. The current Tech Plus 28300 to 28500 kHz phone segment would be retained.

NNNN

/EX

Submissions flham@qth.net

Date: Wed, 26 Dec 2001 20:37:36 -0500

From: "N8IE" <n8ie@woh.rr.com>

To: <brian@iquest.net>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [116076] RE: [FLham] Elimination of the Novice Bands]

Message-ID: <KHEKJAKPCEKFOHMPKJPDMENDCAAA.n8ie@woh.rr.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Brian, it's the same here in SW Ohio.

The section managers, and even the bigger ARRL affiliated clubs won't give an opinion unless someone makes on first, then they can jump on the bandwagon.

Think maybe it's time for some of us Pigs and QRP'ers to run for office!

72, oo

Dan, N8IE

FPQRP #-6, FISTS #4985

QRP-1 #1404, ARCI #11003

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Brian

Sent: Wednesday, December 26, 2001 7:14 PM

To: Low Power Amateur Radio Discussion

Subject: Re: [FLham] Elimination of the Novice Bands]

I have emailed my section manager a couple of times in the last two weeks regarding RACES and ARES groups in my area. I ain't heard squat.

A lot of section managers are section managers because no one else wants to do it. I wonder how many ran unopposed last year?

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

----- Original Message -----

From: "Paul Womble" <pwomble1@tampabay.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, December 26, 2001 5:44 PM

Subject: [Fwd: [FLham] Elimination of the Novice Bands]

> This is what the Section Manager in West Central Florida is doing.

>

> This is the ARRL at work. If your section manager is not being
> proactive...get on their butts until they start!

>

> I sent my thoughts to K1ZZ and the others involved in this
committee. I

> received a nice reply from Dave today.

>

> 73

> oo

> Paul K4FB

>

>

>

>
> ----- Original Message -----
> Subject: [FLham] Elimination of the Novice Bands
> Date: Wed, 26 Dec 2001 17:26:36 -0500
> From: "Dave Armbrust, AE4MR" <ae4mr@arrl.org>
> Reply-To: "Dave Armbrust, AE4MR" <ae4mr@arrl.org>
> To: <ae4mr@arrl.org>
>
> With no new Novice operators entering the hobby I guess the
re-farming
> of
> the Novice bands is inevitable yet I have some concern about the
> proposal to
> reduce the CW portion of 80, 40 and 15 meters to accommodate more
room
> for
> SSB.
>
> While I do not think many will object to allowing Novice and Tech
Plus
> to
> operate on the General 80, 40, 15 and 10-meter CW allocations I do
feel
> that
> this is entirely a separate issue.
>
> I sure would like to get some of your input on this proposal. I
would
> like
> you to answer the following three questions:
>
> 1) Do you support the reduction of the CW subband by 50 KHz on 80
meters
> and
> 25 KHz on 40 and 10 meters? Please state why.
> 2) Do you support allowing Novice and Tech Plus to operate on the
> General
> 80, 40, 15 and 10-meter CW allocations?
> 3) Do you feel that that we should recognize portions of these bands
for
> "slow CW operation"?
>
> Below please find attached the ARRL bulletin 55 for your review.
>
> 73--
> Dave Armbrust - AE4MR
> ARRL WCF Section Manager
> (941)378-1701 Fax: (941)929-0040

> -----

> SB QST @ ARL \$ARLB055

> ARLB055 ARRL Study Panel Recommends Eliminating Novice Bands
(REVISED)

>

> ZCZC AG55

> QST de W1AW

> ARRL Bulletin 55 ARLB055

> >>From ARRL Headquarters

> Newington CT December 21, 2001

> To all radio amateurs

>

> SB QST ARL ARLB055

> ARLB055 ARRL Study Panel Recommends Eliminating Novice Bands
(REVISED)

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> from 28300 to 29700 kHz and to extend CW access to Novice/Tech Plus
> operators to 28000 kHz--an additional 100 kHz. The current Tech Plus
> 28300 to 28500 kHz phone segment would be retained.
> NNNN
> /EX
>
>
>
> ---
> Submissions flham@qth.net
>

Date: Wed, 26 Dec 2001 19:46:40 -0600
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [116077] Day 1 - Holiday Milliwatt Contest
Message-ID: <5.1.0.14.0.20011226160253.00a31950@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Howdy!

Tough day for the OM - not much in the log this year. At 26F, it simply
must be the weather! <g>

At 25mW: AB8DF, KF4VTM/C, WA8ZBT
At 50mW: WE9K, VE3FAL, N9NE
At 100mW: K4LKL

Used an Argo 515 to a ground-mounted St. Louis Express portable vertical over St. Louis Radials.

Thanks for the contacts (and much patience) OM's and to KL-QRP for again sponsoring this annual event. Back at it tomorrow, I think.

de Dave, NF0R nf0r@slacc.com

Date: Wed, 26 Dec 2001 20:54:39 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Brian <brian@iquest.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [116078] Re: [FLham] Elimination of the Novice Bands]
Message-ID: <3C2A7F5F.71608C9B@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'd pick up the phone and ask then why no reply.

Then the next call I'd make would be to the Division Director.

If more ARRL members would make the "leadership" accountable, things would be different.

73
Paul K4FB

Date: Wed, 26 Dec 2001 20:01:37 -0600
From: Pat Cain <pcain@ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [116079] FOX Hunt Announcement for Dec. 27
Message-ID: <4.2.0.58.20011226200102.020a9760@mail.mnd1.mn.home.com>

Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"; format=flowed
Content-Transfer-Encoding: quoted-printable

Season's Greetings All,

I am the other half of the Fox Hunt duo for Thursday, Dec. 27 along with=20
Tom KV2X. Tom is taking the high road (above 7.040) and I am taking the low=
=20
road (below 7.040). I'll be working split up 05. to 2.5 kHz.

Rig here is a K2 and the antenna is an inverted Vee at about 40'. I am=20
located in the suburbs of Minneapolis, MN. We should have good propagation=
=20
to most of the country and Canada so I hope the hounds turn out big.

Thanks to all & have a great hunt.

73,

Pat K=D8PC=20

Date: Wed, 26 Dec 2001 20:43:12 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [116080] RE: [SPICE] Bandspreading with Tapped Coils; a reference
Message-ID: <01C18E4D.F074D8A0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

A month or so ago I posted the "should be simple" tale of my struggle with
the seemingly trivial task of adding 'coarse' and 'fine' controls to my
varactor tuned 80 meter VF0.

I got back several good suggestions including one from Dan Tayloe saying,
"- tapped way down on the tank coil. Tapped at 1/2 the coil gives 1/4th
the C swing, 1/4 coil from the bottom gives 1/16th the C swing, etc."

Tapped way down on the tank coil? That was a new one on me and I thought,
"Man, I'd hate to see the math on that one!" So wouldn't you know it but a
couple weeks later here are a couple of hardy (or crazy) guys on the list
trying to do it.

Just wait around, everything comes by on this list eventually.

72--Nick, WA5BDU

-----Original Message-----

From: Dan Tayloe [SMTP:dtayloe@home.com]

Brad: I have used this concept before on several VFOs that I have built. The idea is to simply use the VFO inductor as a resonate autotransformer.

When viewed as an autotransformer, a low impedance tap on the inductor gets transformed to a high impedance at the top of the coil, in proportion to the square of the turns.

Date: Thu, 27 Dec 2001 02:59:17 +0000
From: "Jim Larsen" <al7fs2001@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [116081] mW contest - AL7FS
Message-ID: <F239XkewcNJ3qa0FbIr0000c566@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Probable duplicate if my lost messages ever show up. My isp says it is lehigh.edu rejecting...I'll work on it.

=====

The bands never opened at all for QRPP levels in the first two hours and I had to leave at that point. I did not hear a single QRPP signal on 20, 15 or 10.

My intentions are to be there all four hours on both remaining days...but that is assuming I am hearing QRPP signals.

Polar absorption is wonderful...NOT.

Maybe tomorrow.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
<http://www.qsl.net/al7fs/>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

Date: Wed, 26 Dec 2001 22:26:39 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [116082] 5763 rig info
Message-ID: <3.0.6.32.20011226222639.007a0b10@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Just posted the schematic and some info on my new 5763 tube transmitter on the web site, URL in sig line.

72,
Steve, KD1JV
"Melt Solder"
White Mountians of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Wed, 26 Dec 2001 22:28:43 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <kc0bom@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116083] Re: Nukes (was RE: Tube messages)
Message-ID: <20011227032955.FIG4699.imf03bis.bellsouth.net@[192.168.0.21]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 12/19/01 2:28 PM, Rob Matherly at kc0bom@arrl.net wrote:

>It's actually a proven fact that vacuum tube based audio systems are MUCH
>better sounding than transistorized deals. AAMOF, Stereo amps with tubes
>are the "in thing" now.

A musician buddy of mine has a pre-amp he bought recently that has a DSP configuration that simulators a variety of "famous" tube amplifiers. You hook the thing up to a very linear solid-state amplifier, and you can "have" just about any tube amplifier you want -- and it can be changed on the fly.

He loves the thing! Certain amplifiers just sound "right" for some types of music. Being able to switch it all from one tiny box is really handy.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Wed, 26 Dec 2001 22:34:49 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <mmorrow@companet.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116084] Re: Nukes (was RE: Tube messages) OT
Message-ID: <20011227033601.EWHI5773.imf06bis.bellsouth.net@[192.168.0.21]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 12/20/01 8:28 AM, Mike at mmorrow@companet.net wrote:

>Old tubes belong in old gear, and if the tube is more than about 50
>years old, maybe even hams shouldn't be risking some of these soon-to-be
>irreplaceable tubes by operating the old gear.

While I agree that old tubes ought to stay with the original gear, I
can't say I agree that such rigs can't be operated.

Consider the similar situation of vintage aircraft. There are a large
number of historic aircraft that have long outlived their original
purpose. Perhaps they should be better preserved for future generations
in a museum. But, if there are several examples of such aircraft, hiding
them in a museum, never to fly again seems to diminish them. Few people
will see them there.

But, if some of these historic aircraft fly, then they can be seen by
thousands.

I say operate the old gear -- and let many people experience it.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"

-- Wilbur Wright, 1901

Date: Wed, 26 Dec 2001 22:37:15 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <WD8CIV@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116085] Re: Nukes (was RE: Tube messages) OT
Message-ID: <20011227033827.0YNS11348.imf15bis.bellsouth.net@[192.168.0.21]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 12/20/01 9:18 AM, David Hinerman at WD8CIV@worldnet.att.net wrote:

>Anyway, you can't touch one in (near) working condition for less than about
>\$75 (last time I looked) because they've become "collectible." There was an
>old guy and his wife who used to do the hamfest circuit in the Ohio Valley
>that bought up old keys and sold them for outrageous prices.

OLD keys? Heck, even NEW keys are outrageous! You can't touch a decent
paddle for less than \$100, and many are much more.

Seems to me I spent less than \$30 for my paddle in the late-70s. Perhaps
the price really hasn't changed that much....

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
-- Wilbur Wright, 1901

Date: Wed, 26 Dec 2001 22:33:12 -0500
From: "Robert L. Kellogg" <ae4ic@nr.infi.net>
To: w2agn@pobox.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [116086] Re: MW Contest question
Message-ID: <3C2A9678.C70EB3D1@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guys,

You can work each station once on each band.

The club bonus counts on each band also. That is, if you work a club station on three bands you will get the bonus three times. The bonus might be different on each band because the station might be running a different power level on each band.

W2AGN wrote:

```
>
> On Wednesday 26 December 2001 15:11, Paul Womble wrote:
> > Can stations only be worked once?
> >
> > Don't see that in the rules anywhere.
> >
> > Thanks,
> > Paul K4FB/K4LKL
>
> --
>
> Good Question! I just assumed you could work the same station on different
> bands. Also, is each days operation start with a "clean slate" i.e. can I
> work K4LKL on 15 and 20 on 12/26, and the same bands again on 12/27?
>
> -----
> John L Sielke W2AGN
> w2agn@pobox.com
> http://www.qsl.net/w2agn
> Trustee: W3IYQ
```

```
--
73,
Bob Kellogg, AE4IC
Probably, not nececelery. -Benny Hill
```

```
-----

Date: Wed, 26 Dec 2001 20:22:15 -0800 (PST)
From: joe living <jliving2001@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [116087] Signalink and warbler
Message-ID: <20011227042215.66031.qmail@web10606.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
```

Dear Gang

I would like to use my warbler with my new laptop that does not have a serial port only usb

ports.

Has anyone used Signalink by Tigertronics for this purpose? How would I hook the Signalink to my radio?

Joe W3GW

Do You Yahoo!?

Send your FREE holiday greetings online!

<http://greetings.yahoo.com>

Date: Wed, 26 Dec 2001 23:49:31 EST
From: RLucch2098@aol.com
To: qrp-1@lehigh.edu
Subject: [116088] FS; Hammarlund HFD-140 Dual Section Cap
Message-ID: <10c.a63e512.295c025b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Guys;

Any builder need this 2-section cap in nice excellent shape?

Model is Hammarlund HFD-140 and is 8 to 150uf per section.

Measures about 3-1/2"lg x 1"w x 1-1/2" h.

Price is \$13.50ppd.

<http://www.baltimorepress.com/~wa2rqy/hfd-140cap.jpg>

Thanks es 73....Rich WA2RQY (1961)
WA2RQY's "confusion Radio" Web-Page
[Http://members.aol.com/rlucch2098/index.html](http://members.aol.com/rlucch2098/index.html)
RLUCCH2098@aol.com
"Keep those heaters on"

Date: Wed, 26 Dec 2001 23:55:09 -0600
From: "George, W5YR" <w5yr@att.net>
To: aa4lr@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [116089] Re: Nukes (was RE: Tube messages)

Message-ID: <3C2AB7BD.E9EF2EED@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a new dynamic audio dual-DSP processor - the Behringer Ultra-Dyne DSP9024 - which includes emulation of four different tube types used in mic preamps. What they are doing is altering the harmonic structure of the output signal according to the way that each of the tube types would do.

My son is a professional musician and composer who spends time both in professional studios and his own. I asked him about this tube emulation business and he claims that it is for real. To him, the sound of a tube pre-amp is clearly different from that of a solid-state preamp. In most situations, he prefers the tube sound.

Now, I know this kid pretty well - having delivered him at home nearly 42 years ago before the doctor could get there! - and I believe what he tells me about music and sound.

Otherwise, I would just fall back on my engineering background and say that a transfer function is a transfer function, but evidently the small differences with tubes are dramatic enough, though subtle, for a highly trained ear to pick up and appreciate.

This has nothing to do with QRP except that the signals involved here are real tiny! <:}

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262 COG 8
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All incoming and outgoing email virus-checked by Norton Anti-Virus 2002

Bill Coleman wrote:

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> On 12/19/01 2:28 PM, Rob Matherly at kc0bom@arrl.net wrote:
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> the fly.
>
> He loves the thing! Certain amplifiers just sound "right" for some types
> of music. Being able to switch it all from one tiny box is really handy.

Date: Thu, 27 Dec 2001 05:54:31 -0500
From: "Pastor-KC1DI" <elbc@pivot.net>
To: <kd1jv@moose.ncia.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116090] Re: 5763 rig info
Message-ID: <004401c18ec4\$ddacad20\$ca6fccd8@dor>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

congratulations Steve,
Very nice Design If you have a picture of the finished rig how about putting
that on the sight also..
73 /72 Dave KC1di

----- Original Message -----
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, December 26, 2001 10:26 PM
Subject: 5763 rig info

> Hi Gang,
>
> Just posted the schematic and some info on my new 5763 tube transmitter on
> the web site, URL in sig line.
>
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountians of New Hampshire
> <http://www.qsl.net/kd1jv/>
>

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.310 / Virus Database: 171 - Release Date: 12/19/01

Date: Thu, 27 Dec 2001 05:45:04 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [116091] RE: 5763 rig info
Message-ID: <01C18E99.A29FB2C0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Now there's a circuit that really smears the boundaries of time. Tubes, crystal, relays, pi-network, B+ and filament transformers ... but also, zeners, transistors, opto-isolators, 3-terminal regulators and CMOS IC's. All it needs is a microprocessor.

72--Nick, WA5BDU

-----Original Message-----

From: Steven Weber [SMTP:kd1jv@moose.ncia.net]
Hi Gang,

Just posted the schematic and some info on my new 5763 tube transmitter on the web site, URL in sig line.

72,
Steve, KD1JV
"Melt Solder"
White Mountians of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Thu, 27 Dec 2001 08:03:47 -0500
From: W2AGN <w2agn@pobox.com>
To: " Robert L. Kellogg" <ae4ic@nr.infi.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116092] Re: MW Contest question
Message-ID: <01122708034705.03589@CC2289974-A>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Wednesday 26 December 2001 22:33, Robert L. Kellogg wrote:

> Guys,

>

> You can work each station once on each band.

>

> The club bonus counts on each band also. That is, if you work a club
> station on three bands you will get the bonus three times. The bonus
> might be different on each band because the station might be running a
> different power level on each band.

> > Good Question! I just assumed you could work the same station on
> > different bands. Also, is each days operation start with a "clean slate"
> > i.e. can I work K4LKL on 15 and 20 on 12/26, and the same bands again on
> > 12/27?

--

Still need to know, is each day "separate?" That is, can you work the same
stations again?

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Thu, 27 Dec 2001 08:46:59 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <mgemm@mtechnologies.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116093] Re: Phone spectrum land grab, as expected
Message-ID: <20011227134812.JILB4699.imf03bis.bellsouth.net@[192.168.0.21]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 12/22/01 3:50 AM, Marshall Emm at mgemm@mtechnologies.com wrote:

>According to The ARRL Letter Vol. 20, No. 50, December 21, 2001, the ARRL
>Novice

>Spectrum Study Committee has recommended that the ARRL petition the FCC to
>eliminate the Novice CW subbands and ... " turn most of the former novice
>bandwidth over to phone operation and give the Novice/Tech Plus operators
>access to all but the 25KHz wide Extra class CW allocations on 80, 40 and
>15.

>On 10M the phone segments would be unchanged but Novice/Tech Plus operators
>would be given access to the entire CW spectrum all the way down to 28.0.

Giving Novices and Technicians access to the entire CW segment (less Extra class portion) on selected bands is the best idea the ARRL has proposed since the disaster of Incentive Licensing.

I'm really excited about this proposal. It gives Novices and Technicians a chance to really learn to operate CW, rather than be relegated to the poorer CW wastelands of the existing Novice bands.

>Presumably, if the Board accepts the recommendation and petitions the FCC
>accordingly, there will be an opportunity for public comment at that point
>but
>I hope it doesn't go that far.

Why the heck not?

>First, although the proposal (and the survey) says firmly that nobody will
>lose
>any priviledges, I regard having to share spectrum that was exclusively for
>narrow modes, and spectrum that was reserved for the higher license
>classes, as
>a definite loss of priviledges.

Oh, poo. Look, the way the licensing structure is today, there isn't terribly much difference between a Tech plus code, General and Extra anyway. Much of the aparatus of Incentive Licensing has been destroyed.

When I was a Novice back in 1975, I received a pamphlet called "Your Novice Accent". It was written by a fellow back in the early 50's, when the Novice license was first established. It is a great treatise on proper CW operating procedure. (It's available on the 'net, too)

One of the points of this pamphlet was that in the earlier days of amatuer radio, beginners mixed it up with more experienced operators, and learned proper procedures. But, in the early days of the Novice license, Novices largely contacted other Novices -- which re-enforced poor procedures.

Today, the Novice segments are virtually devoid of any operating whatsoever. If your objective is to encourage people to use CW, then you must support the idea of putting beginners in with experienced operators -- there isn't enough activity otherwise.

>Second, I believe the survey was fatally flawed in four respects.
>
>A) The survey questions were skewed-- you had to choose either "no
>change" or
>an option that would provide for expansion of the phone bands.

There was a comment area where you could stipulate your priorities.

I agree there should have been more options -- I had my own opinions where band segments should/should not be allocated.

>B) The sample was too small.. The report begins with a statement that the
>proposal is based on "nearly 5000 survey responses." Thus committee is
>making
>a proposal that will affect ALL amateurs, based on the opinions of
>approximately 3% of its members.

What are you saying -- that we need to survey ALL amateurs? Piff. Getting even a few percent of amateurs to respond to a survey is a great accomplishment.

If this becomes an NPRM, the amateur community as a whole will have an opportunity to respond.

Further, it is clear the committee had its own ideas of what it wanted to do -- regardless of what the survey told them. The survey just help support what they were likely to propose anyway.

>C) The sample was biased. For some reason, the report highlighted the fact
>that "Nearly 61% of those responding were Extra class licensees." Before
>April
>2000 that might have meant something, but since we have no indication of
>what
>percentage of Extras are code operators or code qualified, much less the
>percentage of the Extras who took the survey, I would question the
>relevance of
>that comment.

Pfffbttt! Are we to segregate the 20 wpm Extras from the others? I think not. To the FCC, it matters not one whit if you too a 20 wpm or 5 wpm code test. The world has changed. Deal with it.

If code speed (or written knowledge) were important, we would have recurrent testing to prove we still can pass. Heck, I know guys who have been General, Advanced or Extra class for 20, 30 even 40 years and can't copy a dit today. Should we throw out their opinions, too? One friend of mine is one of the best CW, DX or contest operators I know, and has been to WRTC twice, and he's only General class. (he's still pissed over Incentive Licensing) Does he not count because he isn't an Extra?

Drop the elitism.

>D) The recommendations were not based on a majority opinion in the
>results! The

>recommended change for 80M was chosen by "nearly 40%" of respondents. The
>recommended change for 40M was chosen by "nearly half" of respondents. The
>recommended change for 15M was chosen by "nearly half" of respondents. The
>recommended change for 10M was chosen by "nearly 45%" of respondents. So in
>the "worst case" the recommendation is based on nearly 40% of the nearly 3%
>of
>the members who took the survey-- or approximately 1% of members. In the
>best
>case (10M) it's based on the opinions of a bit more than a percent and a
>half.

So, first you say the survey is invalid, now you're arguing they didn't interpret the results correctly? Which is it? If the survey is indeed invalid, then it doesn't matter how you interpret the results, eh?

Since there were more than just 2 choices for each band, having a majority isn't a requirement. A solid plurality is sufficient.

Look at it this way, I'll bet that the majority of those surveyed chose something other than the "change nothing" choice. That seems to indicate things are ripe for change.

>You can believe that I for one will be talking to my Director. I suggest
>you
>do the same. The longest journey begins with but a single step, and this is
>the SECOND little step on the way to eliminating the CW bands and Morse
>code.

What?! Baloney!

If anything, this proposal ENCOURAGES the use of CW.

Second, CW is allow EVERYWHERE, there are NO CW subbands. I see nothing in the proposal to change that.

Let's look at each spectrum proposal on its merits, not through some "foot-in-the-door" paranoia.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Thu, 27 Dec 2001 08:05:29 -0600
From: "Mark Andrews \(\KE4IOF\)\" <KE4IOF@ke4iof.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [116094] [OT] Lehigh Univ. (was: Remove from List)
Message-ID: <004c01c18edf\$8cc42300\$8a90aec7@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ok, I'll bite...

I'm a relatively new Ham (Licensed Dec. 1993).

How did changing the licensing system in the 1960's manage to kill off 90% of the school clubs?

73,

Mark

Mark A. Andrews, KE4IOF
QRP-L 146 QRP-ARCI 10574
www.KE4IOF.com

PRL 3.0 for Palm Handhelds

>
> No, makes perfect sense. When incentive licensing hit in the late 60's,
> it killed off 90% of all the school clubs, and hence much of the growth
> in amateur radio.
>

Date: Thu, 27 Dec 2001 09:09:10 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <kc0bom@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116095] Re: Phone spectrum land grab, as expected
Message-ID: <20011227141022.MTNU9414.imf02bis.bellsouth.net@[192.168.0.21]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 12/22/01 1:01 PM, Rob Matherly at kc0bom@arrl.net wrote:

>(Gladly sent on behalf of w2wurjj@verizon.net, details in his msg)
>
><-----
>CW is alive.

True. It is just as alive as its operators keep it.

>It was the first digital mode

True!

>& gets through when other modes fail.

False. There are several methods of digital signal modulation that are more efficient than CW.

> Reliance on computers offers a false sense security.

Huh? Like the computer you're using now to read this e-mail?

>They malfunction causing data loss.

Like H*ll they)*&(^(*%(^%(&^...

>Try using a lap-top with dead batteries.

Try using a CW transmitter with dead batteries.

>Does an ELT use a computer?

Uh, yeah. It uses a computer in the satellites and ground stations to pinpoint your location.

Oh, and current 121.5 ELTs are a really ancient design. There's proposals for newer ELTs that are more sophisticated and micro-processor controlled. They haven't yet passed regulatory muster, since no one wants to have to dump their existing, paid-for ELTs and have to purchase new expensive ELTs.

>NO ...it's a CW or MCW beacon.

An ELT always sounded to me like AM. It has to be AM, otherwise, you wouldn't hear it on an Aircraft receiver (which is AM for some very interesting historical reasons).

>Computers have killed CW interests in the name of progress.

Baloney. Computers have done nothing of the sort. You should argue that

Golf or Tennis has killed CW interests as well. After all, CW is a recreation today, not a business.

>Some reckey - tech ops don't know a diode from resistor.

I don't know what a reckey-tech op is.

>CW requires skill.

So does playing the piano. Should we all take piano lessons?

>CW operators take communications seriously,

Baloney! I remember when the ARRL stopped handing out BPLs for packet operators. If the ARRL were really interested in communications, they would have recognised that digital systems can relay traffic efficiently, automatically and faster than CW traffic nets.

Gosh, just like this e-mail list!

>they use their brain, not machines.

Big deal. For some tasks, a machine is better.

>A computer will generate error messages if problems exist.

And I suppose human brains never make any errors?

>CW operators ask for fills.

Certain types of digital modulation don't NEED fills.

>CW requires little bandwidth.

There are modes that require less bandwidth. CW is really narrow because the data rate is terribly slow.

So, what's wrong with allocating the ham bands with respect to their required bandwidth? If CW needs only 100 Hz (I'm being generous), and SSB needs 3 kHz, let's allocate 96% of the bands to SSB, and the rest to CW, ok? (That maintains a 30:1 ratio of required bandwidthth)

Oops, I forgot all the other cool digital modes. Never mind....

>Besides, it's FUN.

I am absolutely in 100% agreement with you here. This is the first valid point you've made since you pointed out that CW was the first digital

mode.

>SSB aka "Slip Slop & Burp" is modified AM "ancient modulation".

So? SSB is fun. So is FM! (And some ops enjoy AM, too)

>Don't misunderstand me. I enjoy all modes, they all have their respective
>niche, command respect and balance our hobby.

>

>QRP was dead until we realized the minimal difference between "Rock
>Crushing QRO" transmissions and spectrum / power conservation.

QRP has been alive and well for years and years! Since the beginning of
ham radio. It used to be common because people couldn't afford to use
more power -- they couldn't afford the tubes / batteries / components.

>How may Tuna Tins operate Phone?

A TT is a CW transmitter.

There's a lot of K2s out there with the SSB option.

>Ladies & Gentlemen define the argument. Throw out
>specious thoughts ... yep organizational politics, and machinations are
>involved, but that's life. Did you participate in the survey?

Yes!

>Or are you
>happy letting others do the field work while you enjoy the fruits of their
>labors? Can't take heat, Can't take criticism ... or debate? Get out of the
>kitchen ...

I like it in the kitchen.

>CW is alive and well, better yet, It's FUN. 73, Ron W2WU

Amen.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

All capacitors are Silver Mica or NP0 Ceramic

ALL crystal cases are grounded

Design based on the following measured crystal parameters:

$L_m=4.8$ mH; $C_0=6.8$ pF; average $Q=91,100$

(for crystals offered by Electronic Goldmine
in lots of 300 during fall/winter 2001)

This describes a CW filter with 3 dB bandwidth of approximately 530-540 Hz and insertion loss of about 5.5 dB. It uses 13.5 MHz crystals available for under 2 cents each in lots of 300. The filter was empirically designed to be constructed from capacitors of a single value and therefore the response does not follow any of the established filter polynomials.

The name HB0270 means "Had a Bag Of 270 pF capacitors". The design resulted when the coupling capacitors C12 and C34 were arbitrarily changed to meet the $n \times 270$ pF criteria in a filter originally synthesized for 640 Hz bandwidth using lossless Butterworth k and q values.

I had been working to measure parameters on these crystals for a few weeks when I noticed others on the QRP-L forum discussing the same crystals for filter applications. After some private correspondence with Leon Heller, Brian Kassel, and particularly Kent Torell, there was some remaining uncertainty about measured parameters and whether a CW bandwidth filter could be built with these crystals at 13.5 MHz. I built a prototype of this filter to test my measured parameters and to provide some initial input on the feasibility question for CW bandwidth filters.

Using high side injection, the described filter provides 39.6 dB rejection of the USB image when using a 500 Hz beat note and 54.2 dB when using a 750 Hz beat note. [For comparison, a lossless Butterworth design with the same 3 dB bandwidth as this filter and using the available crystals would improve these numbers by 1.3 dB at 500 Hz and 1.5 dB at 750 Hz while increasing the already high insertion loss by 0.3 dB. It would not have a true Butterworth response shape. A lossless Butterworth design at 13.5 MHz would approach the true Butterworth response shape if the crystals had a Q of about 650,000 or more! A true CW bandwidth Butterworth response using the available crystals would require predistorted synthesis techniques and would have insertion loss predicted to exceed 12 dB according to the Zverev filter tables. Such are the issues and tradeoffs involved when using these crystals for CW bandwidths. On the plus side for these crystals, 50 ohm terminations are feasible for !

de!

!

sign bandwidths beyond 1000 Hz and 200 ohm terminations should work well for voice bandwidth filters. The CW bandwidth filters, although lossy, should be relatively easy to tune and get working. These crystals are also more uniform in the spread of parameters than some other batches of crystals I have investigated.]

My prototype filter was constructed on a G10 glass terminal board 5 1/2" long and

just over 1" wide. It had 19 press fit solder posts down each side and was perfect for this project. I added 3M copper foil tape down the center to form a ground plane and all ground connections are soldered directly to the foil. The crystals are mounted on their sides with minimum length ground connections. The prototype filter has stopband attenuation which exceeds 85 dB over the HF spectrum up to 19 MHz and degrades to 82 dB at 32 MHz. The 6/60 dB shape factor is 5.55. This is not the filter for a high performance receiver, but it certainly seems suitable for some casual receiver projects.

The tuning capacitors (C2_tune and C3_tune) specified above are appropriate for filters constructed from four crystals that are all matched in frequency within about 10 Hz. In this case, use the lower frequency crystals for X2 and X3. By using other values for the tuning capacitors, filters can be constructed with only a pair of frequency matched crystals. The matched pair should be used for X1 and X4. The tuning capacitor required to use non-matched crystals for X2 and X3 can be determined from the table below.

OFFSET (Hz) Cn_tune (pF)

-149.1	500	EXAMPLE for use of table:
-134.8	520	Assume the matched pair used for X1 and X4
-121.7	540	have measured frequencies of 13,500,099 and
-109.4	560	13,500,101 Hz. The average is 13,500,100 Hz.
-98.0	580	The crystal to be used for X2 has a measured
-87.3	600	frequency of 13,500,078 Hz. The offset is
-77.3	620	13,500,078 minus 13,500,100 or negative 22 Hz.
-68.0	640	The value for C2_tune would be 760 pF.
-59.2	660	
-50.9	680	The crystal chosen for X3 has a measured
-43.1	700	series resonant frequency of 13,500,139 Hz.
-35.7	720	The offset is 13,500,139 minus 13,500,100
-28.7	740	or 39 Hz. The tuning capacitor will have
-22.0	760	a value between 1000 and 1050 pF.
-15.7	780	By interpolation, the value for C3_tune is
-9.8	800	found to be 1011.2 pF.
-4.1	820	
1.4	840	In practice, standard value capacitors of
6.5	860	750 pF and 1000 pF would probably produce
11.5	880	an acceptable filter.
16.2	900	
27.1	950	For those inclined to try to precisely
37.0	1000	tune the filter, the amplitude response
45.9	1050	is a poor indicator of tuning. The filter
54.0	1100	tolerates moderate mis-tuning without
61.4	1150	apparent difference in the shape of the
68.2	1200	passband. A better indicator of tuning

74.5	1250	is the return loss at the input of the
80.3	1300	filter. When precisely tuned, the return
85.6	1350	loss exhibits good symmetry about the
90.6	1400	center of the passband.
95.2	1450	
99.6	1500	
107.4	1600	
114.3	1700	
120.5	1800	
126.0	1900	

OTHER FILTERS BASED ON THESE CRYSTALS (These are computer designs and have not been built!)

The voice bandwidth double tuned circuit using these crystals uses two crystals connected in series between 50 ohm terminations. Add a single coupling capacitor from the node of the two crystals to ground. Values range from 180 pF to 220 pF depending on Q of the crystals. Try 200 pF first and adjust from there if you don't get a flat-top response. Typical 3 dB bandwidth is 2550 to 2750 Hz. The crystals should be matched for Q and frequency within 30 Hz.

A four pole voice bandwidth filter based on the schematic above requires 200 ohm terminations and has the following component values:

C1_end, C4_end	47 pF
C12, C34	150 pF
C23	220 pF
C2_tune, C3_tune	270 pF
X1, X2, X3, X4	13.5 MHz Crystal

The design is based on average Q of 93,000, Lm = 4.8 mH, and C0 = 6.8 pF. The computer thinks this one should have a 3 dB bandwidth of 2578 Hz and insertion loss of 1.3 dB.

Date: Thu, 27 Dec 2001 09:11:16 -0500
 From: Bill Coleman <aa4lr@arrl.net>
 To: <colcal@srv.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
 Subject: [116097] Re: Phone spectrum land grab, as expected
 Message-ID: <20011227141228.KSUN18093.imf07bis.bellsouth.net@[192.168.0.21]>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="US-ASCII"

On 12/22/01 4:36 PM, Francis Callahan at colcal@srv.net wrote:

>There is a answer to ARRL going through with the changes is everyone drop
>membership for a year and see if that makes a difference to them

Don't do that.

If you want to change the ARRL, you must be a member. If you want change,
you have to vote. Contact your director.

Even Wayne Green, a long-time ARRL critic, is still a member.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Thu, 27 Dec 2001 09:16:06 -0500
From: W2AGN <w2agn@pobox.com>
To: "Mark Andrews (KE4IOF)" <KE4IOF@ke4iof.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116098] Re: [OT] Lehigh Univ.
Message-ID: <0112270916060A.03589@CC2289974-A>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Thursday 27 December 2001 09:05, Mark Andrews (KE4IOF) wrote:

> Ok, I'll bite...
>
> I'm a relatively new Ham (Licensed Dec. 1993).
>
> How did changing the licensing system in the 1960's manage to kill off 90%
> of the school clubs?
>
> 73,
>
> Mark

> > No, makes perfect sense. When incentive licensing hit in the late 60's,
> > it killed off 90% of all the school clubs, and hence much of the growth
> > in amatuer radio.

--

I hadn't heard that one either. Anyway, not valid here, as W3AEQ Club Station

was still around in 1985. Looks more like it died AFTER the "repeal" of Incentive Licensing.

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Thu, 27 Dec 2001 09:47:56 -0500
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [116099] [OT] University Clubs
Message-ID: <3C2B349C.79A7689D@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have no insight to offer on incentive licensing and any connection to the health and well-being of university clubs in general, or Lehigh Univ in particular. But I do have some basic comments on university clubs in general---I'm the faculty advisor to one.

I've spoken with maybe 2 dozen folks in their 20's over the last year or so, some still in the hobby, some no longer active. The story is pretty much the same. Usually they got hooked in Middle School or High School, often with a great club and supportive teacher. Got their ticket, had some modest set-up at home, intended on staying with the hobby.

Got to college/university and....no place in the dorm for rigs (usually prohibitions on antennas anyway); no organized club on campus and so no on-campus station. Or, in a few cases, there was a club dominated by techno-geeks doing advanced satellite stuff, but no "regular" operating. Person doesn't pursue hobby, graduates, has the all the joys of starting career and family--moving around, stretched finances, etc. Hobby pushed way into the background. License expired or expiring with no intent to continue.

This was my story a generation earlier. Right now the League is, properly in my opinion, targeting Middle School students for the "Big Project". High School usually has either a school club or the local ARC is open to high schoolers participating. But once they get to college, away from local connections, young folks may not feel comfortable linking up with the local ARC, and with no on-campus presence their interests could die.

Moral: none really, just find out if there's a club at your alma mater and support it! Many allow for alumni members, and alumni support in this way can help in getting space or permissions. If you have a college or university in the area, inquire about a campus club, connect up with the advisor and see if they want to learn more about qrp operating; show them some "little radios". If being a ham has assisted you professionally, offer to share those experiences--hey, students will graduate sometime and will need a job. And if a student from a local institution shows up at your club meeting, make them feel at home.

Now back to building.....

73

Ken KG4FGC

Date: Thu, 27 Dec 2001 14:47:52 +0000
From: "Jim Larsen" <al7fs2001@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [116100] Polar cap absorption event is in progress - AL7FS
Message-ID: <F107Q0Puz63Bma4RCI10000d2fe@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

It looks grim based on the polar absorption event going on. I will be there trying. SFI of 268 should be wild for the rest of the world.

e-alert 12.27 12:15 UTC
SFI:268 | A:9 | K:2 up from 1 at 1200 on 27 December.
SAF: moderate to high, GMF: quiet to unsettled

A satellite proton event began at 0555 UTC on 26 December.. A polar cap absorption event is in progress. Stratwarm Alert exists Wednesday.
The proton event is expected to continue.

Magnetic A-Index >=30 Watch for 28 Dec 2001 UT

Aurora Level: 6
Solar Wind: 379.6 km/s at 2.9 protons/cm3

73, Jim
Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
<http://www.qsl.net/al7fs/>

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Thu, 27 Dec 2001 09:59:21 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <al7fs2001@hotmail.com>
Subject: [116101] Re: Polar cap absorption event is in progress - AL7FS
Message-ID: <002401c18ee7\$12684f20\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Seems like yesterday's alert indicated we should get whacked this evening anyway, so probably the rest of the world won't have such a great time, either. But, maybe a little 6 meter aurora opportunity.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Jim Larsen" <al7fs2001@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, December 27, 2001 9:47 AM
Subject: Polar cap absorption event is in progress - AL7FS

> It looks grim based on the polar absorption event going on. I will be there
> trying. SFI of 268 should be wild for the rest of the world.

Date: Thu, 27 Dec 2001 10:11:56 -0500
From: "Brian" <brian@iquest.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [116102] FYBO rules
Message-ID: <006201c18ee8\$d3a81750\$1d492bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Where can I see the FYBO rules?

Thanks

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

Date: Thu, 27 Dec 2001 09:19:21 -0600
From: "Michael Melland" <w9wis@charter.net>
To: <hoglund@wfu.edu>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [116103] Re: [OT] University Clubs
Message-ID: <002b01c18ee9\$dc3e9e60\$0549a842@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Exactly true Ken. I work at one of the University of Wisconsin campuses. While we have roughly 11,000 students... there is no club nor University station. There was a very active club with a nice station on campus existing from perhaps 1960+/- until about 1978. The station folded from lack of participation. It was hard for the school to justify a dedicated room (space is always in need) and equipment for a club that served so few members. Actually, I suspect that the faculty advisors, who were the same guys all this time just ran out of steam as well. UW Madison still has a club and station but participation isn't great for a school of over 30,000 students. I suspect that it too would have a hard time existing without the hard work of some faculty and staff and alumni still in the Madison area.

I explored getting a club going on campus again last fall. Administration was lukewarm but willing..... but some faculty was against it. But...I guess I shouldn't be surprised. These are the same guys who just refused an

administrative emergency plan for faculty in classrooms to assist in the evacuation of buildings in emergencies because "student welfare it isn't our job or responsibility".

Kudo's to you for your efforts as an advisor !

73 de Mike, W9WIS

Date: Thu, 27 Dec 2001 10:16:15 -0500
From: "Kwik, Ed " <ed.kwik@delphiauto.com>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [116104] Milliwatt Contest - First day
Message-ID:
<9F176F70FD71AC48AFC36F879D2B84E3016CFEE9@tryexch01.NorthAmerica.DelphiAuto.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

13 qso's

11 spc's

3 D's

2 clubs

All on 20 with the K2 at 100 MW. Seemed to be several QRPers on but not doing the contest. Sounded like the got QRP rig for Xmas and were trying then out.

Ed AB8DF

Date: Thu, 27 Dec 2001 10:35:29 -0800
From: "w2wurjj" <w2wurjj@verizon.net>
To: <w5yr@att.net>, <qrp-l@Lehigh.EDU>
Subject: [116105] SOLID vs. HOLLOW AMPS
Message-ID: <000a01c18f05\$6c37f6e0\$71c2fea9@w2wurjj>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

George:

Carpe Diem. I concur with your evaluation of valve versus solid state amplifiers from both a professional and personal standpoint. Empirically, a transfer function is unmutable. Apparently professionals, audiophiles, and some lay persons prefer the "smooth & warm" transfer function valves offer

verses the "harsh" switching of solid state.

My vocation as a Broadcast Engineer amplified / enforced this preference. Virtually all talent preferred valve amplifiers, excepting those playing "rock" music. They preferred testing structural integrity & engineers nerves / hearing by boosting low frequency responses. Perhaps the bottom line is to "listen" or "feel" the music. Some prefer faithful reproduction & others push square waves through amplifiers.

Has any QRP rig (commercial or H.B.) been tested for switching noise ... that horrible hissing?

What levels of IMD does DSP proffer? Is it spectrally clean or a development to (1) comply with digital audio processing, (2) overcome hearing losses?

How can stereo amps be "in" when they never went out? Seems the public may have fallen prey to marketing and as status symbol with transistor equipment. 73, Ron, W2WU

----- Original Message -----

Sent: Wednesday, December 26, 2001 21:55

From: W5YR@ATT.NET

Subject: Re: Nukes (was RE: Tube messages)

All incoming and outgoing email virus-checked by Norton Anti-Virus 2002

Date: Thu, 27 Dec 2001 07:44:52 -0800 (PST)
From: =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [116106] Re: Phone spectrum land grab, as expected
Message-ID: <20011227154452.9570.qmail@web13808.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I for one, welcome the 5wpm ops down to our neck of the woods. Having 'em mix it up with the more experienced CW op's should quickly improve their operating skills. However, I don't believe their segment should be surrendered to voice. A melding of the two subbands is a better solution. ...and I disagree with those who said that SSB outnumbers CW on the bands. I would grant that is the case in the 75/80m bands

but nowhere else on HF. At least based on what I consistently monitor at my QTH. With the exception of a contest, CW use far exceeds phone on 40m and 20m and is about 50/50 on the upper bands. VHF/UHF, is another story.

>Second, CW is allow EVERYWHERE, there are NO CW subbands.
I see nothing
>in the proposal to change that.

Oh really???? Try calling CQ in CW in the 20m or 75m phone subbands sometime. Your reception from the (at least domestic) SSB'rs will be ahh, less than warm. For example, I once tried to have a phone QSO with my Dad who was vacationing in FL in his camper. He was using a mobile antenna, tuned to the 20m phone seg, so we set up a sched' there. We made contact but it was rough, so we switched to CW. That worked great. We had a nice QSO for about 10 minutes when an unidentified SSB op came on running what sounded like a megawatt. He was like +40 both in CO and FL! He proceeded to berate us for having a CW QSO in the phone segments. I don't think this moron could even copy CW. I tried to explain our situation (in CW) and before I could switch to SSB he resorted to "swishing" his carrier back and forth over the frequency. I have found DX SSB'rs MUCH more accomodating and often open to cross-mode. Here in the states, SSB'rs seem VERY territorial and Lord help you if you happen to be on a freq that happens to be where one of the Geriatric Nets are firing up. I was monitoring a QSO one day when some other op broke in to TELL (not ask) the QSO to QSY because there was a net that was about to start, and that was the freq that net had been on daily for 32 years, and they weren't going to move the net for them. I realize all this has less to do with the mode and everthing to do with on-air behavior, but I can't help but believe this is a foreshadow of things to come when the CW sub-bands are eliminated and we have a free-for-all. Those are the folks we will be forced to share spectrum with.

Later,
Dale

=====

"There is a very fine line between "hobby" and "mental illness." --Dave Barry

=====

Dale Anderson	In the Mt Washington Valley
KB0VCC	Conway, New Hampshire
QRP-L #91 / CQC #251	Grid Sq: FN43KX
ARS #234 / FISTS #3172	http://www.qsl.net/kb0vcc

=====

Do You Yahoo!?

Send your FREE holiday greetings online!

<http://greetings.yahoo.com>

Date: Thu, 27 Dec 2001 10:49:02 -0500

From: Bruce Muscolino <w6toy@erols.com>

To: KE4IOF@ke4iof.com

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [116107] Re: [OT] Lehigh Univ. (was: Remove from List)

Message-ID: <3C2B42EE.1E8D274A@erols.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Mark,

> How did changing the licensing system in the 1960's manage to kill off 90%
> of the school clubs?

>

Actually I don't think it had anything to do with the demise of club stations. In the late 80;s I worked for McDonnell- Douglas in Long Beach and we had a very active ham radio club. In fact we were in the process of asking the company for multi-bucks to build a couple of emergency stations and trailers! I left before they made the request, I wonder how it came out!

incentive licensing affected more hams personally, what with the restructuring of license privileges. Some of us bit the bullet and got higher class licenses so we could keep our favorite operating privileges and some dropped by the wayside. In my case, it was responsible for my getting the Extra so they could not take any more privileges away!

I think the demise of club stations can be traced to a shift of education priorities from analog to digital. Ham radio tends to be attractive to the analog crowd, and the digital crowd took over in the

70's/

73

Date: Thu, 27 Dec 2001 11:31:19 -0500
From: "Brian" <brian@iquest.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>, "Pigs" <fpqrp-l@mpna.com>
Subject: [116108] Junkbox stuff - Updated - Sorry es Thanks
Message-ID: <003101c18ef3\$eaac1db0\$1d492bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Parts for Sale as of 12/25/2001

=====

NEW .1 uF Poly/Film caps - 10% 250v, new stock, paper tape, nice
long leads. These are not NPO and are made by S&M Components
50/\$3.00 or 100/\$5.00

NOS .01 uF ceramic caps, 10% 100v brand new by Kyocera
50/\$3 or 100/\$5

NOS 470pf ceramics on paper tape, rated 5%
50/\$3 or 100/\$5

NOS 12pf NPO ceramics on tape
50/\$4 or 100/\$7

22uF 35v electrolytics These caps are on paper tape, NOS (New, but old
stock) made by Richey.
100/\$2

I have NEW BNC chassis connectors for (includes nut and lock
washer)

=====

25 for \$14.00
50 for \$24.00
100 for \$40.00

Voltage Regulators

=====

LM7805C voltage regulators. T0220 case. 5 for \$4.00
L7806CV voltage regulators. T0220 case. 5 for \$4.00
LM7808CT voltage regulators. T0220 case. 5 for \$4.00
LM7812T voltage regulators. T0220 case. 5 for \$4.00

3 of each for \$10 (12 total VR's)

Key/Headphone Jacks

=====

These are 3.5mm female stereo PCB mount jacks. Can be used in ugly/manhattan building projects with no problems.

3/\$1.35 (or send a buck and a stamp)

Transistors

=====

2N2222A's in plastic T092 case - 50/\$4.50 NEW PARTS

2N2222's in METAL T018 case - 25/\$7.50 NEW PARTS

2N3906's plastic T092 case - 50/\$4.00 NEW PARTS

IRF540's TMOS Power FET, N-Channel, 27A, 100v RDS(on) = .070 Ohms

<http://www.onsemi.com/pub/Collateral/IRF540-D.PDF> for data sheet

\$1.00 each.

BC847B - Surface Mount NPN's, general purpose

CBO = 50v, CEO = 45v, EBO = 6v, Collector Current Max = 100 mA, electrical characteristic curves for this unit are the same as the PN2222A, SST222A, MMST2222A, and UMT222A transistor. These are new stock, on SM tape.

100pcs/\$2.00

Crystals

=====

3.579545 Mhz Crystals for 80m - These are pulled colorburst crystals, 2/\$1

POTS

=====

10K 1 Turn Panel mount pots. These are pulls. No knobs, just shafts. Most are Allen Bradley. Pot is about as big as a quarter. With nut. 5/\$4.00

Diodes

=====

1N4148 - You always need these. 75 for \$2.00 These are NEW.

Speakers

=====

Little 2 inch PC speakers, 8 Ohm. \$1.50 includes shipping in a padded envelope. 10 for \$8.00 - They work great for little external speakers on QRP rigs. 1/4 watt

Let me know if you're interested. All prices are post paid to the

USA, unless otherwise noted. I will ship to non USA addresses but we need to discuss the shipping charges first.

PAYPAL IS NOW CHARGING ME 5% FOR YOUR CREDIT CARD. SO IF YOU PAY CREDIT CARD VIA PAYPAL, ADD 5%. IF YOU PAY FROM PAYPAL FUNDS THEN THERE IS NO SURCHARGE. PLEASE REMEMBER, THIS IS NOT THE WAY I FEED MY KIDS. THEY'RE BOTH OVER 18 AND EAT LIKE PIGS, SO I HAVE A REAL JOB. I MAY STOP ACCEPTING PAYPAL, WE'LL SEE HOW IT GOES. I SELL THIS STUFF CLOSE TO MY COST. ANY EXTRA FUNDS MY HAM RADIO HABIT UNLESS THE XYL FINDS IT FIRST.

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

Date: Fri, 28 Dec 2001 00:28:08 +0800
From: "Jerry Bartachek" <leadsheet@musician.org>
To: qrp-l@Lehigh.EDU
Subject: [116109] FS: Index QRP Plus
Message-ID: <20011227162809.4600.qmail@mail.com>
Content-Type: text/plain; charset="iso-8859-1"
Content-Disposition: inline
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

For Sale: Index Laboratories QRP Plus HF XCVR serial #1041, MFJ microphone, manual, original box, and matching power cable. Condition: 9.9 out of 10 - only a tiny chip in paint near the RIT / XIT switch. Non-smoker. Internal keyer speed is selectable in 1 wpm increments. \$350, plus shipping from eastern Iowa.

Jerry KD0CA
E-Mail: leadsheet@musician.org

QRP-L #544
QRP ARCI #5166
FISTS Club #7064

--

FISTS Club #7064
QRP ARCI #5166
QRP-L #544

Sign-up for your own FREE Personalized E-mail at Mail.com
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1 cent a minute calls anywhere in the U.S.!

http://www.getpennytalk.com/cgi-bin/adforward.cgi?p_key=RG9853KJ&url=http://www.getpennytalk.com

Date: Thu, 27 Dec 2001 12:22:17 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <kb0vcc@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116110] Re: Phone spectrum land grab, as expected
Message-ID: <20011227173238.EKFN22073.imf24bis.bellsouth.net@[192.168.0.21]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 12/27/01 10:44 AM, KB=D8VCC at kb0vcc@yahoo.com wrote:

>
>
>I for one, welcome the 5wpm ops down to our neck
>of the woods. Having 'em mix it up with the more
>experienced CW op's should quickly improve their operating
>skills. However, I don't believe their segment should
>be surrendered to voice. A melding of the two subbands
>is a better solution. ...and I disagree with
>those who said that SSB outnumbered CW on the bands.

You haven't spent much time on the bands then. At least, not on phone....

>I would grant that is the case in the 75/80m bands
>but nowhere else on HF.

If I typically tune around on 10m, 12m, 15m and 17m on a weekday evening,

I'll hear several phone signals, but rarely, if any CW signals, other than automated beacons.

> At least based on what I
>consistantly monitor at my QTH. With the exception
>of a contest, CW use far exceeds phone on 40m and 20m
>and is about 50/50 on the upper bands.

In my experience, above 20m, it's more like 5/95, unless you count the automated CW beacons.

> VHF/UHF, is another story.

CW gets the occasional workout on VHF/UHF, too. But it is rare.

>
>>Second, CW is allow EVERYWHERE, there are NO CW subbands.
>>I see nothing in the proposal to change that.
>
>Oh really???? Try calling CQ in CW in the 20m or 75m
>phone subbands sometime.

I called CQ on 1876 +- in the recent ARRL 160m contest. Managed to maintain a rate of about 30+ Qs/hour for two hours. Not bad for my lousy 80m dipole as a 160m antenna.

20m and 75m are just plain crowded. It's much easier to call CQ on CW than try to do it on SSB. That's why the phone bands need expansion.

Listen to 75m some weekday evening, then listen to the 80m portion. You'll be able to hear a couple of dozen SSB signals, but precious few CW signals, and more RTTY than CW. That's again an argument for phone expansion.

> Your reception from the
>(at least domestic) SSB'rs will be ahh, less than
>warm. For example, I once tried to have a phone
>QSO with my Dad who was vacationing in FL in his
>camper. He was using a mobile antenna, tuned to
>the 20m phone seg, so we set up a sched' there.

17m might have been a better choice.

I know how rough 20m can be -- phone expansion would be nice on that band as well, but 20m is also pretty well populated with digital and CW signals, too, so there's no place to expand TO.

40m is worse -- all the doggone Region 1 BCB QRM. More than Half of the

SSB spectrum is unusable in the evenings in the East because of all the multi-megawatt QRM.

But for the bands in question -- 80m, 40m, 15m -- the segments involved have few current occupants, and are easily accommodated lower in the band. Phone expansion would be a good thing.

>We made contact but it was rough, so we switched
>to CW. That worked great. We had a nice QSO for
>about 10 minutes when an unidentified SSB op came
>on running what sounded like a megawatt. He was
>like +40 both in C0 and FL! He proceeded to berate
>us for having a CW QSO in the phone segments. I don't
>think this moron could even copy CW. I tried to
>explain our situation (in CW) and before I could
>switch to SSB he resorted to "swishing" his carrier
>back and forth over the frequency.

Intentional interference. I've had CW carriers come up on my SSB signals, too. Does that mean that CW operators are bad ops? No.

Record the incident and report it to the ARRL OO and / or the FCC. The FCC takes a very dim view of intentional interference. Oh, and I'd leave out the part about the megawatt -- you have absolutely no evidence he was running excessive power.

>I have found DX
>SSB'rs MUCH more accommodating and often open to
>cross-mode. Here in the states, SSB'rs seem VERY
>territorial and Lord help you if you happen to be on
>a freq that happens to be where one of the Geriatric
>Nets are firing up.

Tell me about it. I do a lot of Phone contesting, and I know what you speak of. But the problem isn't so much bad phone operators, it's the crowded conditions. Phone expansion would help ease that, wouldn't it?

> I was monitoring a QSO one day
>when some other op broke in to TELL (not ask) the
>QSO to QSY because there was a net that was about
>to start, and that was the freq that net had been
>on daily for 32 years, and they weren't going to
>move the net for them.

Well, that's dumb. According to the regulations, prior occupancy does not constitute frequency ownership.

I'm a tester. I know all about being on a frequency for a couple of

hours, then being told to move because of some net. Gosh, guys, the frequency is in use already -- you may have to break the corrosion on your VFO dials and move a bit. Or switch in a filter or two and put up with a little QRM. There's a contest on after all.

But, you know, courtesy pays big dividends. If I'm asked politely to move, I'll move as much as I can. Discourteous operating helps no one.

> I realize all this has
>less to do with the mode and everthing to do
>with on-air behavior,

EXACTLY!

> but I can't help but believe
>this is a foreshadow of things to come when
>the CW sub-bands are eliminated and we have a
>free-for-all.

Several Points:

* THERE ARE NO CW SUBBANDS. CW is permitted EVERYWHERE. There are ANALOG and DIGITAL subbands. Analog modes include Phone, FAX and Video. Digital modes include RTTY, Packet, PSK31, AMTOR.

* What we sometimes call CW subbands are protected by the vast increase in digital activity. While CW can co-exist with other modes fairly well, digital modes suffer in the presence of analog modes, and vice versa. There's no danger of the digital subbands being eliminated, and CW can take refuge there.

* There's little danger of a free-for-all. The FCC made it very clear in recent 160m petitions that it wasn't interested in changing the nature of the subband allocations. While I personally think allocations like 160m or like our Canadian brethren have (any mode, any where) would be a good thing, the FCC considers the status quo sufficient.

* Even if the FCC changes its mind and adopts the free-for-all mindset, bandplans would exist to permit all kinds of operation. The ARRL recently revised its bandplan for 160m, and the FCC gave such bandplans more impetus in cases of intentional interference. Much of the SSB activity low on 160m has since ceased, giving the weak-signal CW guys more breathing room. (and most of those cases of SSB activity were due to operator ignorance, or intentional bad operating practices)

* Finally, you're reacting emotionally to what you think the "trend" of this proposal is, instead of evaluating the proposal on its merits. Don't be cowed into such a knee-jerk reaction.

> Those are the folks we will be
> forced to share spectrum with.

I have news for you -- you share spectrum with everyone already. We should all act accordingly.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Thu, 27 Dec 2001 12:50:31 -0500
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: elbc@pivot.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [116111] Re: 5763 rig info
Message-ID: <3C2B5F67.7C24CF56@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The only problem is pin 3 of the 6AW8 is shown as plate of one section and cathode of the other 8-)...

Merry Christmas & Healthy New Year

Jerry
W3CDE

Pastor-KC1DI wrote:

>
> congratulations Steve,
> Very nice Design If you have a picture of the finished rig how about putting
> that on the sight also..
> 73 /72 Dave KC1di
>
> ----- Original Message -----
> From: "Steven Weber" <kd1jv@moose.ncia.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Wednesday, December 26, 2001 10:26 PM
> Subject: 5763 rig info
>
> > Hi Gang,

> >
> > Just posted the schematic and some info on my new 5763 tube transmitter on
> > the web site, URL in sig line.
> >
> >
> > 72,
> > Steve, KD1JV
> > "Melt Solder"
> > White Mountians of New Hampshire
> > <http://www.qsl.net/kd1jv/>
> >
>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.310 / Virus Database: 171 - Release Date: 12/19/01

Date: Thu, 27 Dec 2001 11:50:46 -0600
From: "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
To: <qrp-l@lehigh.edu>, <w2agn@pobox.com>
Subject: [116112] Re: MW Contest question
Message-ID: <001501c18eff\$036d8b80\$d3bf1d41@wi.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Did you ever get an answer to this? I tried emailing the ham listed for log submission to see if any info was available, but haven't received a reply. Guess I will just assume that we start with a clean slate; I can't imagine that the rule makers would actually think there were enough milliwatters out there to have a multiday contest with no dupes.

Glenn Butzlaff, WE9K

----- Original Message -----
From: W2AGN <w2agn@pobox.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, December 27, 2001 7:03 AM
Subject: Re: MW Contest question

> On Wednesday 26 December 2001 22:33, Robert L. Kellogg wrote:
> > Guys,
> >

> > You can work each station once on each band.
> >
> > The club bonus counts on each band also. That is, if you work a club
> > station on three bands you will get the bonus three times. The bonus
> > might be different on each band because the station might be running a
> > different power level on each band.
>
> > > Good Question! I just assumed you could work the same station on
> > > different bands. Also, is each days operation start with a "clean
slate"
> > > i.e. can I work K4LKL on 15 and 20 on 12/26, and the same bands again
on
> > > 12/27?
>
> --
>
> Still need to know, is each day "separate?" That is, can you work the same
> stations again?
> -----
> John L Sielke W2AGN
> w2agn@pobox.com
> <http://www.qsl.net/w2agn>
> Trustee: W3IYQ

Date: Thu, 27 Dec 2001 18:29:52
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [116113] [CW] Software for text to code conversion?
Message-ID: <F220edcHWyGLt82Jju300010d19@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Anyone know of a good program for conversion of text to code in audio file
format? ARRL's W1AW audio files are updated too infrequently and I am
thirsting for more copy practice. I'd like to convert text selections (like
the news, for example) into code dumped to some kind of computer audio file
(.wav, .au, .mp3, &c.). I've found a couple such programs but they do not
generate Farnsworth spaced code (one claims to but doesn't). I've been
learning at approx. 18 wpm Farnsworth speed and would like to keep it that
way or faster instead of slowing down.

Thanks.

Brad

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Thu, 27 Dec 2001 11:44:04 -0700
From: "Steve Thompson" <steve@xcvr.com>
To: <alihernlem@hotmail.com>
Cc: <qrp-1@lehigh.edu>
Subject: [116114] Re: [CW] Software for text to code conversion?
Message-ID: <200112271144.AA349765784@xcvr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Have you looked at

<http://www.speroni.com/WavGen/>

73,
Steve N7TX

----- Original Message -----
From: "Brad Hernlem" <alihernlem@hotmail.com>
Reply-To: alihernlem@hotmail.com
Date: Thu, 27 Dec 2001 18:29:52

>Anyone know of a good program for conversion of text to code in audio file
>format? ARRL's W1AW audio files are updated too infrequently and I am
>thirsting for more copy practice. I'd like to convert text selections (like
>the news, for example) into code dumped to some kind of computer audio file
>(.wav, .au, .mp3, &c.). I've found a couple such programs but they do not
>generate Farnsworth spaced code (one claims to but doesn't). I've been
>learning at approx. 18 wpm Farnsworth speed and would like to keep it that
>way or faster instead of slowing down.

>

>Thanks.

>

>Brad

>

>

>

>-----

>MSN Photos is the easiest way to share and print your photos:
><http://photos.msn.com/support/worldwide.aspx>

>
>

Date: Thu, 27 Dec 2001 14:05:51 -0500
From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<fpqrp-1@mpna.com>
Subject: [116115] Re: [CW] Software for text to code conversion?
Message-ID: <009201c18f09\$808bae80\$0400000a@hunkar.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

To all...

What a great web site...

<http://ah0a.org/AH0A.html>

-Diz, W8DIZ

Date: Thu, 27 Dec 2001 19:08:23 +0000
From: Arthur Moe <kb7ww@uswest.net>
To: qrp <qrp-1@Lehigh.EDU>
Subject: [116116] 6 METER QRPp QSO
Message-ID: <3C2B71A7.E6936128@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just worked AF1T he is Running 3 Micro Watts !!!!! I was QRO @ 3 watts.

Art
KB7WW

Date: Thu, 27 Dec 2001 12:10:49 -0700
From: "Rod N0RC" <rod@n0rc.com>

To: "Elecraft-list" <elecraft@qth.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116117] more k1 tweaking
Message-ID: <001401c18f0a\$3283ade0\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

I'm off work between Christmas and New Years. So, I taking time to be more "RadioActive".

Today I was tweaking on my K1 again.

AGC HACKING

Rather than changing C31 and C67 I added a resistor in parallel with RP3-pin 9 & 10. Same effect as changing the caps, but less traumatic to the PCB. ;-) When I built this K1 I changed C31 and C67 to 1uF, and the AGC was OK. Still, strong choppy signals [contest exchanges for example] didn't sound as good as I'd like. By adding a resistor across RP3-pin 9 & 10 the time-constant of the AGC circuit is reduced, hence the AGC is speeded up. I settled on 47k ohms; in combo with my cap. changes the AGC action is pretty good. Perhaps I'll add a small trimmer pot across RP3-pin 9 & 10, and drill a small hole in the bottom cover to adjust it, for even more, and convenient AGC control.

IF FILTER RESPONSE

Next on the list was filter adjustment. I thought the 700Hz setting always sounded W I D E for my taste. So with Spectrogram's help I reset the filters to 200, 350 and 500 Hz. Here is how they look now: http://www.radioactivehams.com/~n0rc/k1/k1_filter_resp.html and for my ear they sound great. I am a bit troubled by the shape and shape factor. I'd like the top a little flatter in the wider settings and the skirts a little steeper. I tried some of the ideas that John, KI6WX, used on his _K2_: Shorter grounding leads and I added a 0.1uF cap across C37 for added bias voltage bypass, but they had little noticeable effect. Does anybody have a suggestion on something else worth trying?

One thing I did notice: An R/C feedback network in the final AF stage, C69, RP3 pins 1&2. I wonder if that accounts for the response peak in the 500-700 Hz range in my Spectrogram plots? I haven't figured out exactly how this AF stage works yet, and details are not in the ToO manual section. A mystery to me is the XFIL/TONE line fed into the AF

stage via C72. Ideas on why that is done?

Happy Holidays
73, Rod N0RC
Ft Collins, CO

Date: Thu, 27 Dec 2001 13:20:58 -0600
From: "Rob Matherly" <kc0bom@arrl.net>
To: <aa4lr@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116118] Re: Phone spectrum land grab, as expected
Message-ID: <00c001c18f0b\$9e6de920\$1b11a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

AMEN Bill! It's kinda like saying "I don't like the way things happen in Washington. I refuse to vote until things change." Huh? How do things change if no one that disagrees with them tries to change them????

72/73/oo
Rob, kc0bom
ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPP-I #19

Visit my website! <http://www.qsl.net/kc0bom>

AIM - kc0bom, jimrob4 MSN - jimrob@jetnetinc.net

----- Original Message -----
From: Bill Coleman <aa4lr@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Thursday, December 27, 2001 8:11 AM
Subject: Re: Phone spectrum land grab, as expected

On 12/22/01 4:36 PM, Francis Callahan at colcal@srv.net wrote:

>There is a answer to ARRL going through with the changes is everyone drop
>membership for a year and see if that makes a difference to them

Don't do that.

If you want to change the ARRL, you must be a member. If you want change, you have to vote. Contact your director.

Even Wayne Green, a long-time ARRL critic, is still a member.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Thu, 27 Dec 2001 14:37:52 -0500
From: "N3BJ" <alanfryer@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116119] Re: 5763 rig info
Message-ID: <001001c18f0d\$fb9cf940\$ef756520@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm sure Steve can do that.

----- Original Message -----
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, December 27, 2001 6:45 AM
Subject: RE: 5763 rig info

> Now there's a circuit that really smears the boundaries of time. Tubes,
> crystal, relays, pi-network, B+ and filament transformers ... but also,
> zeners, transistors, opto-isolators, 3-terminal regulators and CMOS IC's.
> All it needs is a microprocessor.
>
> 72--Nick, WA5BDU
>
> -----Original Message-----
> From: Steven Weber [SMTP:kd1jv@moose.ncia.net]
> Hi Gang,
>
> Just posted the schematic and some info on my new 5763 tube transmitter on
> the web site, URL in sig line.
>
>

> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountians of New Hampshire
> <http://www.qsl.net/kd1jv/>
>
>

Date: Thu, 27 Dec 2001 15:09:21 -0800
From: "w2wurjj" <w2wurjj@verizon.net>
To: <kc0bom@arrl.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116120] Re: Phone spectrum land grab, as expected
Message-ID: <000901c18f2b\$b4b65b20\$71c2fea9@w2wurjj>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Are the ARRL officers enjoying caviar and champagne at our expense and turning deaf ears upon their members to effect their personal machinations / political goals? They haven't responded to repeated e-mail. Does the ARRL exercise the delete key for e-mail and use file 13 (that circular bin) for snail mail if in disagreement with your input? Organize & legally stuff their mailboxes with our input. They can't ignore masses, only scattered or sporadic input.

A vote counts only if it is counted!
73, Ron, W2WU

----- Original Message -----
From: Rob Matherly <kc0bom@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Thursday, December 27, 2001 11:20
Subject: Re: Phone spectrum land grab, as expected

> AMEN Bill! It's kinda like saying "I don't like the way things happen in
> Washington. I refuse to vote until things change." Huh? How do things
> change if no one that disagrees with them tries to change them?????
>
> 72/73/oo
> Rob, kc0bom
> ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPp-I #19

>
> -----
> Visit my website! <http://www.qsl.net/kc0bom>
>
> AIM - kc0bom, jimrob4 MSN - jimrob@jetnetinc.net
>
> ----- Original Message -----
> From: Bill Coleman <aa4lr@arrl.net>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Sent: Thursday, December 27, 2001 8:11 AM
> Subject: Re: Phone spectrum land grab, as expected
>
>
> On 12/22/01 4:36 PM, Francis Callahan at colcal@srv.net wrote:
>
> >There is a answer to ARRL going through with the changes is everyone drop
> >membership for a year and see if that makes a difference to them
>
> Don't do that.
>
> If you want to change the ARRL, you must be a member. If you want change,
> you have to vote. Contact your director.
>
> Even Wayne Green, a long-time ARRL critic, is still a member.
>
> Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
> Quote: "Not within a thousand years will man ever fly!"
> -- Wilbur Wright, 1901
>
>
>
>

Date: Thu, 27 Dec 2001 15:21:16 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [116121] Band CDX Poor
Message-ID: <3C2B82BC.4FF906E4@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Listening on all bands for th eQRPp test, and only station I hear is
W3IYQ, the flare must be doing its thing.

Fred
VE3FAL

Maybe have to play tomorrow instead.

Date: Thu, 27 Dec 2001 13:28:25 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: <brian@iquest.net>
Cc: "qrp list" <qrp-l@lehigh.edu>
Subject: [116122] Re: FYBO rules
Message-ID: <001a01c18f15\$0a7353e0\$4e127d3f@nk7m>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

<http://www.extremezone.com/~nk7m/fybo2002.htm>

Bob NK7M

----- Original Message -----

From: "Brian" <brian@iquest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, December 27, 2001 8:11 AM
Subject: FYBO rules

> Where can I see the FYBO rules?

>

> Thanks

>

>

> =====

> KB9BVN/QRP - New Whiteland IN - EM69WN

> QRP-ARCI #10223 QRP-L #1540 FIST #5695

> FISTS CC #764 - Proud Member ARRL

> TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W

> INTO INFAMOUS AF4PS ATTIC DIPOLE

> SOC #400 AND FLYING PIGS QRP #-57

> =====

>

>

>

Date: Thu, 27 Dec 2001 15:37:22 -0500
From: W2AGN <w2agn@pobox.com>
To: Fred Lesnick <flesnick@tbaytel.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116123] Re: Band CDX Poor
Message-ID: <0112271537220D.03589@CC2289974-A>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Thursday 27 December 2001 15:21, Fred Lesnick wrote:

> Listening on all bands for the QRP test, and only station I hear is
> W3IYQ, the flare must be doing its thing.
>
> Fred
> VE3FAL
>
> Maybe have to play tomorrow instead.

--

Yes, 20M very noisy, nothing on 10 or 15. Worked 3 stations in 20 minutes with good sigs. (I cranked my power back to a mighty 100 mw today), but don't hear anybody else except some QRO guy who is camped out right on 14,060. Will listen on and off and see.

By the way, still no answer on can you work the same stations on different days?

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Thu, 27 Dec 2001 15:37:59 EST
From: FIVEWATTS@aol.com
To: antennas@qth.net
Cc: qrp-l@lehigh.edu
Subject: [116124] antenna FS
Message-ID: <177.166563c.295ce0a7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Guys/Gals,
I have a dual band VHF/UHF cushcraft antenna for sale.
It's 5 years old and has been in the weather for only 2 years.
Excellent condition.
Price-----\$75.00 + plus shipping tube.
I'll pay the shipping.
Bob
WA2HOQrp <tm>

Date: Thu, 27 Dec 2001 15:43:54 EST
From: FIVEWATTS@aol.com
To: antennas@qth.net
Cc: qrp-L@lehigh.edu
Subject: [116125] W1AW on 14.040.7
Message-ID: <15c.5ec71cf.295ce20a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I just worked W1AW on 14.040.7 with the Red Hot Rig and my window antenna
that was inside and no counter poise.on a 5 amp 12 volt battery
I know,
No big deal but I did get a solid 569
If I get a chance tonight then i'll start tapping the coil for 40 meters.
Bob
WA2HOQrp <tm>

Date: Thu, 27 Dec 2001 15:44:53 -0500
From: "Jim Stamper" <jstamper@shentel.net>
To: <flesnick@tbaytel.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116126] Re: Band CDX Poor
Message-ID: <002401c18f17\$5da52b90\$da5f6fcc@jim>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I hear lots of stations on 20 but nobody in the contest. Called CQ test for
a while and got no answers. Will try again after I do chores XYL has
assigned me.
jim-
KG4LDY

----- Original Message -----

From: "Fred Lesnick" <flesnick@tbaytel.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, December 27, 2001 3:21 PM
Subject: Band CDX Poor

> Listening on all bands for th eQRPp test, and only station I hear is
> W3IYQ, the flare must be doing its thing.
>
> Fred
> VE3FAL
>
> Maybe have to play tomorrow instead.
>

Date: Thu, 27 Dec 2001 15:55:45 EST
From: FIVEWATTS@aol.com
To: qrp-1@lehigh.edu
Subject: [116127] Re: Band CDX Poor
Message-ID: <d8.111b7e5e.295ce4d1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 12/27/01 3:40:02 PM Eastern Standard Time, w2agn@pobox.com writes:

<<

On Thursday 27 December 2001 15:21, Fred Lesnick wrote:

> Listening on all bands for th eQRPp test, and only station I hear is
> W3IYQ, the flare must be doing its thing.
> >>

Where you guys listeneeing at??

I just worked 2 stations in France and I hear him now signing with a VE3 and calling another VE3.

QSB is bad but the band is quite here.

I'm getting this on an indoor antenna

An F5 is now working a N8 station on 14.016.5.

F5 is a good 559 with no problem

Bob

WA2HOQrp <tm>====PS: The F5 is looking for stations

Date: Thu, 27 Dec 2001 16:00:15 EST
From: FIVEWATTS@aol.com
To: qrp-l@lehigh.edu
Subject: [116128] Re: Band CDX Poor
Message-ID: <14a.65ead45.295ce5df@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 12/27/01 3:48:36 PM Eastern Standard Time,
jstamper@shentel.net writes:

<<
> Listening on all bands for the QRPp test, and only station I hear is
> W3IYQ, the flare must be doing its thing.
> >>

What is the frequency of the QRPp test?

Bob

WA2HOQrp <tm>

Date: Thu, 27 Dec 2001 16:05:44 -0500
From: W2AGN <w2agn@pobox.com>
To: soc@qth.net, qrp-l@lehigh.edu
Subject: [116129] SOC Stunt of the Day
Message-ID: <0112271605440E.03589@CC2289974-A>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Well been playing radio too long today. Just worked K0ZK in the MW Contest.
Copied his name as "ART" Sent "TU es 72, Art" He came back with "Name is
ARN." I went back and said "RR Thanks Art." He came back, "Name is ARN, A R N"
I say, "RR got it the first time, Art." Again he sends "NAME is ARN, A R N, A
R N" The fourth time it finally sank in.....duh...

Can't blame signals, as he was an honest 579 with his 100mw.

--

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Thu, 27 Dec 2001 16:21:21 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: w2agn@pobox.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [116130] Re: Band CDX Poor
Message-ID: <3C2B90D0.9584E8B0@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You can work stations on each band...each day.

Paul K4FB/K4LKL

Date: Thu, 27 Dec 2001 21:24:07 +0000
From: "Jim Larsen" <al7fs2001@hotmail.com>
To: wb8rcr@arrl.net, qrp-1@Lehigh.EDU
Subject: [116131] Polar cap absorption - AL7FS trying a little bit
Message-ID: <F262n7J10sTHzvH6o5S0000d6a9@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I am hearing a couple of weak sigs on 10 meters so I will hang out there calling CQ on 28.062.

I don't suspect I will keep at it too long. Time now is 2123Z

73, Jim

>Subject: Re: Polar cap absorption event is in progress - AL7FS
>Date: Thu, 27 Dec 2001 09:59:21 -0500
>
>Seems like yesterday's alert indicated we should get whacked this
>evening anyway, so probably the rest of the world won't have such a great
>time, either.

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
<http://www.qsl.net/al7fs/>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

Date: Thu, 27 Dec 2001 12:19:25 -0700
From: Ron KU7Y <mswmod@bigplanet.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [116132] DXCC Country List Needed (in ASCII)
Message-ID: <000201c18f19\$5dc17b40\$c2c0a9d8@oemcomputer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Hi All,

I hope everyone had a very Merry Christmas. We sure did. The grandson went home from the hospital the day before Thanksgiving and the granddaughter went home Christmas Eve! Still no feeling below the waist but otherwise she is doing great!

I just read about the ARRL and the new QRP DXCC. Wow! I like it! I sent a note to Dave, K1ZZ to let him know.

Now I am trying to get my list ready to send in but I can't find a good country list in ASCII format that will import into Excel without trouble. The one from the ARRL site has too many formatting things in it and I don't feel like going through over 350 entries by hand!

Does anyone know where I can find such a list?

Worked the 7X4 on 10m this morning for a new one over all and then I made 3 contacts on 6m SSB (yep, SSB, that's not a typo!) for my first ever 6m contacts! And then I wound up being the last county one of them needed.....seems that LaPaz (sp?) county can be hard to get or so I was told.

OK, back in my hole. Still have the list on postpone because I can't handle that much traffic yet.

73,

Ron, KU7Y
ku7y@qsl.net
Full Time RVing somewhere in the West
Currently in Brenda, AZ.

Date: Thu, 27 Dec 2001 17:05:24 -0500

From: Steven Weber <kd1jv@moose.ncia.net>
To: w3cde@bellsouth.net
Cc: qrp-l@lehigh.edu
Subject: [116133] Re: 5763 rig info
Message-ID: <3.0.6.32.20011227170524.0079fad0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>The only problem is pin 3 of the 6AW8 is shown as plate of one
>section and cathode of the other 8-)...
>
oppps, pin 6 is the cathode on the pentode section. I really need to fire
the proof reader- oh that's me<g>

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Thu, 27 Dec 2001 17:20:11 -0500
From: Ken Newman <N2CQ@dandy.net>
To: epaqrp-l@Lehigh.EDU, QRP-L@Lehigh.EDU, njqrp@njqrp.org,
n9avg@amsat.org
Subject: [116134] [CONTEST] QRP Contest Calendar - 12/27 to 1/4
Message-ID: <3.0.6.32.20011227172011.008f2860@mail.dandy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR

HAPPY NEW YEAR!!!

Dec 27, 2001 - Jan 4, 2001  
~~~~~

40 METER FOXHUNTS

Fox Hunt - Thursdays - 9pm EST, 8PM CST, 7PM MST and 6PM PST.
Info: <http://www.cqc.org/fox>

Cub Fox Hunt - Tuesdays - 9pm EST, 8PM CST, 7PM MST and 6PM PST.
Info: <http://www.zianet.com/k5di/fox/>

Truffle Hunt - Tue & Thur - 30 min before Fox Hunt
Info: http://fpqrp.com/pig_hunt.html

~~~~~  
Holiday Milliwatt CW Contest \*\*\* QRPp Contest \*\*\*

Dec 26 - 1800z to 2200z  
Dec 27 - 2000z to Dec 28 0000z  
Dec 28 - 2200z to Dec 29 0200z

Rules: [http://www.knightlites.org/milliwatt\\_contest.htm](http://www.knightlites.org/milliwatt_contest.htm)  
~~~~~

RAC Canada Winter Contest (CW/SSB) ... QRP Category

Dec 29 - 0000z to 2359z

Rules: <http://www.rac.ca/CANWIN.htm>
~~~~~

Stew Perry (W1BB) Topband Distance Challenge (CW) ... QRP Category

Dec 29 - 1500z to Dec 30 - 1500z

Rules: <http://jzap.com/k7rat/stew.rules.txt>  
~~~~~

Original QRP Contest (CW - 80, 40 & 20m) ... QRP Category

Dec 29 - 1500z to Dec 30 - 1500z

Rules: <http://www.sk3bg.se/contest/origqrpc.htm>
~~~~~

ARRL Straight Key Night (CW)

Jan 1 - 0000z to 2400z

Info: <http://www.arrl.org/contests/announcements/skn.html>

"Brass Pounders Renewal"

---

Rock Around the Clock (CW) \*\*\* QRP Contest \*\*\*

Jan 1 0000-2400 UTC

Rules: <http://www.wfu.edu/~hoglund/Roc.htm>

"Fun With Xtal Rigs"

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AGB NYSB - "New Year SnowBall" Contest (80M SSB/CW) ...QRP Category

Jan 1 - 0000z to 0100z

Rules: [http://www.qsl.net/eu1eu/agb\\_nysb.htm](http://www.qsl.net/eu1eu/agb_nysb.htm)

"Activity Group of Belarus Snow Ball Fight"

---

SARTG Happy New Year Contest (80/40M RTTY)

Jan 1 - 0800z to 1100z

Rules: <http://www.sk3bg.se/contest/sartgnyc.htm>

"You send Happy New Year in your native language"

---

AGCW Happy New Year Contest (CW)...QRP Category

Jan 1 - 0900z to 1200z

Rules: <http://www.agcw.de/>

"Activity Group in Germany Nuen Jahr"

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Thanks to K3WWP, SM3CER, WA7BNM, ARRL and others  
for assistance in compiling this calendar.

Please forward the contest info you sponsor to N2CQ@ARRL.NET and  
we will post it and give it more publicity.  
Anyone may use this "QRP Contest Calendar" for your website, newsletter,  
e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)

|                   |                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------|
| 72 de             | ***** QRP Contest Calendar *****                                                                            |
| Ken Newman - N2CQ | <a href="http://www.njqrp.org/data/contesting.html">http://www.njqrp.org/data/contesting.html</a>           |
| N2CQ@ARRL.NET     | <a href="http://www.n3epa.org/Pages/Contest/contest.htm">http://www.n3epa.org/Pages/Contest/contest.htm</a> |
|                   | <a href="http://www.qsl.net/cqrp/contests.html">http://www.qsl.net/cqrp/contests.html</a>                   |

-----  
Date: Thu, 27 Dec 2001 17:19:08 -0500  
From: nilsbull@juno.com  
To: QRP-L@lehigh.edu  
Subject: [116135] 40-9er Progress  
Message-ID: <20011227.171930.-449815.0.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

Progress is an interesting concept. I think it got twisted to what we  
think of it today by the absorption of Darwin's misunderstood theory of  
evolution (what with evolution itself being imbued with a sense of  
motion) so that progress today means "movement toward a better." Like  
progress at peace talks. Progress in medical science. Progress in  
relationships between cellmates at Singsing. Stuff like that.

So after this past week's Christmas eve & day adventures at being ill, I  
got up this morning (progress) and stumbled around for a while (progress)  
and eventually went back to bed (not progress) where, after a few minutes  
I realized (progress) that I didn't feel like sleeping (progress?). So I  
got up (progress) and started going around the house (motion) and cleaned  
up the leavings of Christmas morning (progress) like wrapping paper for  
gifts I don't even know where they are.

I then walked down to the post office (motion) and mailed a letter for  
more parts (ah, progress & motion!)

Then I came home & started figuring out where on the board that Roy Parker sent me all the little parts go to build a 40-9er (not motion, necessarily, but some kind of progress). I got all the resistors & a couple caps, the two transistors, the output RFC & pi-network L installed & then figured I was done. After all, the NE602s are still on order (is that stasis or is that expectation, which would be a form of stasis, I guess, except that it's really progress if you think of stuff being on order headed for me, in some manner, so that it'd be motion toward me, which to me would be progress. Kinda like three million years from homo habilis to homo sapiens neanderthalis, if you hold to the theory that neanderthalis preceded homo sapiens sapiens, which is another progress, unless you think of all the non-progress that we've been good for . . . .).

But I did order and receive from Doug Hendricks the 7040 crystals some time ago. But now I have to renew my sub to QRPP, which has expired . . . . Hmm . . . . neanderthalis never had these problems . . . . at least not that we know of . . . . although the changes in human "technology" between habilis & neanderthalis were damn near glacial, if you want motion. And maybe so between neanderthalis & early sapiens, except that there's this cognitive and technological explosion during the Pleistocene, which is another story.

So actually, I feel pretty good about today. Which is progress, seeing as how lousy I felt yesterday, even without being robed in dead animal fur & possibly covered with nits, as I'm sure neanderthalis was a lot. Maybe that's why they "died out."

Hmm . . . . I bet they didn't have the 7040 crystals already in a bag somewhere in this office either.

73

Nils

. . . and then there's the LM386 mod & sidetone parts to think about . . . .  
-----

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

W8IJN -- <http://www.geocities.com/nilsbull/w8ijn>

"In MY day we FIGHT to have earphones! Every DAY was STRUGGLE!"

-- Comrade Nikolai Sergeievich McTovarishov, 19

Oct 1917

-----  
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-----  
Date: Thu, 27 Dec 2001 16:37:35 -0600  
From: "Rob Matherly" <kc0bom@arrl.net>  
To: "w2wurjj" <w2wurjj@verizon.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [116136] Re: Phone spectrum land grab, as expected  
Message-ID: <016f01c18f27\$18e76940\$1b11a541@intern01>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I e-mailed my director and vice-director, and I heard from at least one of them, even though it was a little snippy :^D

72/73/oo

Rob, kc0bom

ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPp-I #19

-----  
Visit my website! <http://www.qsl.net/kc0bom>

AIM - kc0bom, jimrob4 MSN - jimrob@jetnetinc.net

----- Original Message -----

From: w2wurjj <w2wurjj@verizon.net>  
To: <kc0bom@arrl.net>; Low Power Amateur Radio Discussion  
<qrp-l@Lehigh.EDU>  
Sent: Thursday, December 27, 2001 5:09 PM  
Subject: Re: Phone spectrum land grab, as expected

Are the ARRL officers enjoying caviar and champagne at our expense and turning deaf ears upon their members to effect their personal machinations / political goals? They haven't responded to repeated e-mail. Does the ARRL exercise the delete key for e-mail and use file 13 (that circular bin) for snail mail if in disagreement with your input? Organize & legally stuff their mailboxes with our input. They can't ignore masses, only scattered or sporadic input.

A vote counts only if it is counted!  
73, Ron, W2WU

----- Original Message -----

From: Rob Matherly <kc0bom@arrl.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Thursday, December 27, 2001 11:20

Subject: Re: Phone spectrum land grab, as expected

> AMEN Bill! It's kinda like saying "I don't like the way things happen in  
> Washington. I refuse to vote until things change." Huh? How do things  
> change if no one that disagrees with them tries to change them?????

>

> 72/73/oo

> Rob, kc0bom

> ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPp-I #19

>

> -----

> Visit my website! <http://www.qsl.net/kc0bom>

>

> AIM - kc0bom, jimrob4 MSN - jimrob@jetnetinc.net

>

> ----- Original Message -----

> From: Bill Coleman <aa4lr@arrl.net>

> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

> Sent: Thursday, December 27, 2001 8:11 AM

> Subject: Re: Phone spectrum land grab, as expected

>

>

> On 12/22/01 4:36 PM, Francis Callahan at colcal@srv.net wrote:

>

> >There is a answer to ARRL going through with the changes is everyone  
drop

> >membership for a year and see if that makes a difference to them

>

> Don't do that.

>

> If you want to change the ARRL, you must be a member. If you want change,  
> you have to vote. Contact your director.

>

> Even Wayne Green, a long-time ARRL critic, is still a member.

>

> Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net

> Quote: "Not within a thousand years will man ever fly!"

> -- Wilbur Wright, 1901

>

>

>

-----  
Date: Thu, 27 Dec 2001 16:42:16 -0600  
From: "Craig Johnson" <cbjohns@mn.mediaone.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [116137] FS: 38 Special  
Message-ID: <008401c18f27\$c1eb62d0\$6601a8c0@CBJP2>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

For Sale:

Original Norcal 38 Special (30 Meter Transceiver) with 5 watt mod.  
Fully operational but not in a case.

Full documentation. (Construction manual plus 80 text messages saved  
from QRP-L discussion.)

Offers?

72,  
Craig, AA0ZZ

-----  
Date: Thu, 27 Dec 2001 15:52:54 -0700  
From: "Francis Callahan" <colcal@srv.net>  
To: <QRP-L@Lehigh.EDU>  
Subject: [116138] 40 meter reciever  
Message-ID: <002d01c18f29\$391fc8e0\$cddd070c@callahan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I am looking for a 40 meter reciever. Something real small like in a altois  
tin or simular to go with my TT2. reply direct, thanks Cal KF7ET

-----  
Date: Thu, 27 Dec 2001 15:11:00 -0500  
From: " Robert L. Kellogg" <ae4ic@nr.infi.net>

To: al7fs2001@hotmail.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [116139] Re: Polar cap absorption event is in progress - AL7FS  
Message-ID: <3C2B8054.B4B0EA44@nr.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jim,

We appreciate your efforts. All you can do is what you can do. But, it's just as thrilling for us lower 48 to work Alaska as it is for you to break through the ions!

Good Luck.

Jim Larsen wrote:

>  
> It looks grim based on the polar absorption event going on. I will be there  
> trying. SFI of 268 should be wild for the rest of the world.  
>  
> e-alert 12.27 12:15 UTC  
> SFI:268 | A:9 | K:2 up from 1 at 1200 on 27 December.  
> SAF: moderate to high, GMF: quiet to unsettled  
>  
> A satellite proton event began at 0555 UTC on 26 December.. A polar cap  
> absorption event is in progress. Stratwarm Alert exists Wednesday.  
> The proton event is expected to continue.  
>  
> Magnetic A-Index >=30 Watch for 28 Dec 2001 UT  
>  
> Aurora Level: 6  
> Solar Wind: 379.6 km/s at 2.9 protons/cm3  
>  
> 73, Jim  
> Jim Larsen, AL7FS, Anchorage, Alaska  
> (BP51cc) - 61.101 North, 149.824 West  
> <http://www.qsl.net/al7fs/>  
>  
>  
> -----  
> Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

--

73,  
Bob Kellogg, AE4IC  
Prolably, not nececelery. -Benny Hill

-----  
Date: Thu, 27 Dec 2001 17:52:39 -0500  
From: " Robert L. Kellogg" <ae4ic@nr.infi.net>  
To: W2AGN <w2agn@pobox.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [116140] Re: MW Contest question  
Message-ID: <3C2BA637.B1548FD6@nr.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John,

Yes, each day is separate.

Thanks for your interest and participation.

Good luck!

W2AGN wrote:

>  
> On Wednesday 26 December 2001 22:33, Robert L. Kellogg wrote:  
> > Guys,  
> >  
> > You can work each station once on each band.  
> >  
> > The club bonus counts on each band also. That is, if you work a club  
> > station on three bands you will get the bonus three times. The bonus  
> > might be different on each band because the station might be running a  
> > different power level on each band.  
>  
> > > Good Question! I just assumed you could work the same station on  
> > > different bands. Also, is each days operation start with a "clean slate"  
> > > i.e. can I work K4LKL on 15 and 20 on 12/26, and the same bands again on  
> > > 12/27?  
>  
> --  
>  
> Still need to know, is each day "separate?" That is, can you work the same  
> stations again?  
> -----  
>  
> John L Sielke W2AGN  
> w2agn@pobox.com  
>

> http://www.qsl.net/w2agn  
> Trustee: W3IYQ

--

73,  
Bob Kellogg, AE4IC  
Prolably, not nececelery. -Benny Hill

-----  
Date: Thu, 27 Dec 2001 18:47:39 -0500  
From: Bill Coleman <aa4lr@arrl.net>  
To: <k5di@zianet.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [116141] Re: re tubes  
Message-ID: <20011227234851.NQDV27477.imf14bis.bellsouth.net@[192.168.0.21]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 12/19/01 9:13 PM, Karl F. Larsen at k5di@zianet.com wrote:

>Mark just trying to save a lot of people a big waste of time and some  
>nasty shocks. Tubes except for 50,000 watts up are dead! No-one makes them  
>any more!

Well, Karl, I almost agree with you. I got rid of a lot of my tube stuff  
a while ago. Only have a few pieces of equipment that still have tubes.

And it is true that tubes are pretty much dead for most of the stuff that  
amatuers might build or restore -- except for perhaps a nostalgia rig  
work. There's certainly a lot of that going on.

It is incorrect to say that tubes are no longer manufactured. Sure, the  
mainstream 6SN7 or 6BA6 isn't likely to be manufactured anymore . And,  
yeah, some tube manufacturing is taking place in Russia, or China or  
third world countries where labor costs are low enough to make it barely  
profitable.

But, there are certain types of specialty tubes that have yet to find  
solid-state replacements. At least, not at an economical price.

Here we are, more than 25 years into the microcomputer revolution, and  
you're likely reading these words off a tube -- a CRT. Oh, sure, some of  
you have laptops, or maybe you've sprung for a flat panel display. But  
tubes are still the mainstream -- we're just now seeing them replaced by  
flat panels.

And warming your lunch would not have been possible, perhaps, without another tube -- the Magnetron. Developing several hundred watts at 2300 MHz can't be done as simply, efficiently and as cheaply as the good old Magnetron.

There are other specialty tubes for high-power transmission, lots of tubes for extremely high-frequency signal generation that don't have economical solid state replacement. That situation isn't likely to change soon.

Even amateur radio QRO is more likely to use tubes. Solid state solutions exist, but they are STILL very expensive.

Tubes will be with us a long while, even if they stay trapped in this specialty role.

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

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End of QRP-L Digest 2418

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